

Appendix E Excluded studies

Diagnosis

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|--|
| 1 | Authors: Akdis CA;Akdis M;Bieber T;Bindslev-Jensen C;Boguniewicz M;Eigenmann P;Hamid Q;Kapp A;Leung DYM;Lipozencic J;Luger TA;Muraro A;Novak N;Platts-Mills TAE;Rosenwasser L;Scheynius A;Simons FER;Spergel J;Turjanmaa K;Wahn U;Weidinger S;Werfel T;Zuberbier T;. Title: Diagnosis and treatment of atopic dermatitis in children and adults: European Academy of Allergology and Clinical Immunology/American Academy of Allergy, Asthma and Immunology/PRACTALL consensus report. Journal Name: Allergy. Year: 2006 | Background information. |
| 2 | Authors: Anderson ML;. Title: Atopic dermatitis -- more than a simple skin disorder. Journal Name: Journal of the American Academy of Nurse Practitioners. Year: 2005 | Case study - background information. |
| 3 | Authors: Barthelette S;Rosenzweig L;Cayce KA;Graham GF;Feldman SR;. Title: Common dermatologic presentations: The red face. Journal Name: Journal of Clinical Outcomes Management. Year: 2004 | Paper mentions atopic eczema in children (1 case study of several), but is not about diagnosis per se. |
| 4 | Authors: Beltrani VS;. Title: The clinical spectrum of atopic dermatitis.. Journal Name: Journal of Allergy and Clinical Immunology. Year: 1999 Sep | Narrative review/ opinion. |
| 5 | Authors: Ben-Gashir MA;Hay RJ;. Title: Reliance on erythema scores may mask severe atopic dermatitis in black children compared with their white counterparts. Journal Name: British Journal of Dermatology. Year: 2002 Nov | Study relevant to severity question and is included in that section, but not relevant to diagnostic criteria. |
| 6 | Authors: Benn CS;Benfeldt E;Andersen PK;Olesen AB;Melbye M;Bjorksten B;. Title: Atopic dermatitis in young children: diagnostic criteria for use in epidemiological studies based on telephone interviews. Journal Name: Acta Dermato-Venereologica. Year: 2003 | Study does not cover the use of diagnostic criteria in the assessment of children; rather, it focuses on an approach to epidemiological studies. |
| 7 | Authors: Bullus S;Gordon K;Muir J;Van OJ;. Title: Dermatology assessment tool. Journal Name: Paediatric Nursing. Year: 1998 | Not relevant to the diagnostic criteria question - the paper describes the development of an assessment tool. |
| 8 | Authors: Cheigh NH;. Title: Managing a common disorder in children: Atopic dermatitis.. Journal Name: Journal of Pediatric Health Care. Year: 2003 Mar | A continuing education article about atopic eczema, which does not cover diagnosis. |
| 9 | Authors: Diepgen TL;Sauerbrei W;Fartasch M;. Title: Development and validation of diagnostic scores for atopic dermatitis incorporating criteria of data quality and practical usefulness. Journal Name: Journal of Clinical | Population aged 10 to 55, median about 22, therefore outside the scope of the guideline. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|---------------|---|---|
| | Epidemiology. Year: 1996 Sep | |
| ¹⁰ | Authors: Dotterud LK;Falk ES;. Title: Evaluation of a self-administered questionnaire on atopic diseases: Discrepancy between self-reported symptoms and objective signs. Journal Name: European Journal of Public Health. Year: 2000 | Population study regarding atopy, not just atopic eczema. Does not address guideline question. |
| ¹¹ | Authors: Eigenmann PA;. Title: Clinical features and diagnostic criteria of atopic dermatitis in relation to age. Journal Name: Pediatric Allergy and Immunology, Supplement. Year: 2001 | Narrative review - background information only. |
| ¹² | Authors: Firooz A;Davoudi SM;Farahmand AN;Majdzadeh R;Kashani MN;Dowlati Y;. Title: Validation of the diagnostic criteria for atopic dermatitis. Journal Name: Archives of Dermatology. Year: 1999 | This study included children and adults in Iran; 8% of the 416 people studied were aged under 10 years. No demographic data were given for the children other than gender and whether they were older or younger than 4 and 10 yrs. The diagnosis reached by an observer (medical student) completing questionnaire listing the UK working party criteria was compared with the diagnosis of a dermatologist. Sensitivity and specificity of the UK working party criteria are quoted although it is not explicit how these were calculated. Controls were patients attending the dermatology clinic who had a diagnosis other than eczema. |
| ¹³ | Authors: Grin CM;. Title: Photo quiz: self-test your diagnostic acumen. Can you identify these disorders in black skin?. Journal Name: Consultant. Year: 2001 | Article of background interest only. |
| ¹⁴ | Authors: Gu H;Chen XS;Chen K;Yan Y;Jing H;Chen XQ;Shao CG;Ye GY;. Title: Evaluation of diagnostic criteria for atopic dermatitis: validity of the criteria of Williams et al. in a hospital-based setting. Journal Name: British Journal of Dermatology. Year: 2001 Sep | The study evaluated the sensitivity, specificity, PPV and NPV of the UK Working party criteria vs. the Hanifin and Rajka criteria in children and adults in China. 72% of the population was aged 12 years or under, but results were not reported separately for this age group, therefore the study was excluded. |
| ¹⁵ | Authors: Hanifin JM;. Title: Diagnostic criteria for atopic dermatitis: consider the context.. Journal Name: Archives of Dermatology. Year: 1999 Dec | Letter regarding ref ID 33158 - background information only. |
| ¹⁶ | Authors: Hebert AA;. Title: Laboratory evaluation of the child with recalcitrant eczema. Journal Name: Dermatologic Clinics. Year: 1994 | No useful information regarding diagnostic criteria. |
| ¹⁷ | Authors: Johnke H;Vach W;Norberg LA;Bindslev-Jensen C;Host A;Andersen KE;. Title: A comparison between criteria for diagnosing atopic eczema in infants. Journal Name: British Journal of Dermatology. Year: 2005 Aug | The aim of this study was to determine the prevalence and cumulative incidence of atopic eczema in children using four different criteria (Hanifin and Rajka, Schultz-Larsen, DARC, and the UK criteria). Does not directly address the diagnosis question in the guideline. |
| ¹⁸ | Authors: Kang KF;Tian RM;. Title: Criteria for atopic dermatitis in a Chinese population. Journal Name: Acta Dermato-Venereologica. Year: 1989 | This short report describes epidemiological data but generally lacks sufficient detail to be useful. |
| ¹⁹ | Authors: Kanwar AJ;Dhar S;. Title: Frequency and significance of major and minor clinical features of atopic dermatitis.. Journal Name: Dermatology. Year: 1995 | No useful information regarding diagnostic criteria. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| ²⁰ | Authors: Kanwar AJ;Dhar S;Kaur S;. Title: Evaluation of minor clinical features of atopic dermatitis. Journal Name: Pediatric Dermatology. Year: 1991 Jun | Study considers the incidence of some of Hanikin and Rajka's minor diagnostic criteria in children/adolescents with and without eczema. Study of historical interest only because Hanikin and Rajka's criteria no longer used. |
| ²¹ | Authors: Kim KH;Chung JH;Park KC;. Title: Clinical evaluation of minor clinical features of atopic dermatitis. Journal Name: Annals of Dermatology. Year: 1993 | Study considers the incidence of some of Hanikin and Rajka's minor diagnostic criteria in children/adolescents with and without eczema. Study of historical interest only because Hanikin and Rajka's criteria no longer used. |
| ²² | Authors: Kramer U;Schafer T;Behrendt H;Ring J;. Title: The influence of cultural and educational factors on the validity of symptom and diagnosis questions for atopic eczema. Journal Name: British Journal of Dermatology. Year: 1998 Dec | More relevant to the epidemiology section than to the diagnostic criteria question. |
| ²³ | Authors: Mevorah B;Frenk E;Wietlisbach V;Carrel CF;. Title: Minor clinical features of atopic dermatitis. Evaluation of their diagnostic significance. Journal Name: Dermatologica. Year: 1988 | Study considers the incidence of some of Hanikin and Rajka's minor diagnostic criteria in children/adolescents with and without eczema. Study of historical interest only because Hanikin and Rajka's criteria no longer used. |
| ²⁴ | Authors: Nagaraja;Kanwar AJ;Dhar S;Singh S;. Title: Frequency and significance of minor clinical features in various age-related subgroups of atopic dermatitis in children. Journal Name: Pediatric Dermatology. Year: 1996 Jan | Study considers the incidence of some of Hanikin and Rajka's minor diagnostic criteria in children/adolescents with and without eczema. Study of historical interest only because Hanikin and Rajka's criteria no longer used. |
| ²⁵ | Authors: Olesen AB;Bang K;Juul S;Thestrup-Pedersen K;. Title: Development and validation of a questionnaire for diagnosing atopic dermatitis. Journal Name: Acta Dermato-Venereologica. Year: 2001 | The study describes the validation of a Danish questionnaire developed from the UK Working Party criteria (the % agreement between the two is reported). The study does not directly address the diagnosis question in the guideline. |
| ²⁶ | Authors: Perlman HH;. Title: Helpful diagnostic clues for differentiation of atopic dermatitis from seborrheic dermatitis. Journal Name: Annals of Allergy. Year: 1965 Dec | General discussion around clinical features. |
| ²⁷ | Authors: Rothe MJ;Grant-Kels JM;. Title: Atopic dermatitis: an update.. Journal Name: Journal of the American Academy of Dermatology. Year: 1996 Jul | Narrative review, background information only. |
| ²⁸ | Authors: Rothe MJ;Grant-Kels JM;. Title: Diagnostic criteria for atopic dermatitis.. Journal Name: Lancet. Year: 1996 Sep 21 | Commentary - background information only. |
| ²⁹ | Authors: Sturgill S;Bernard LA;. Title: Atopic dermatitis update. Journal Name: Current Opinion in Pediatrics. Year: 2004 | Narrative review - background information only. |
| ³⁰ | Authors: Svensson A;Edman B;Moller H;. Title: A diagnostic tool for atopic dermatitis based on clinical criteria. Journal Name: Acta dermato-venereologica Supplementum. Year: 1985 | Age unclear, and lack of demographic data. The 47 patients were said to be divided into those aged over and under 15 years. |
| ³¹ | Authors: Thompson MM;Tofte SJ;Simpson EL;Hanifin JM;. Title: Patterns of care and referral in children with atopic dermatitis and concern for food allergy. Journal Name: Dermatologic Therapy. Year: 2006 | Not relevant to diagnosis - but is relevant to question 6 (food allergy). |
| ³² | Authors: Williams HC, Burney PGJ, Strachan D et al. Title: The UK Working Party' diagnostic criteria for atopic dermatitis. II. Observer variation of clinical diagnosis and signs of atopic dermatitis. Journal Name: Br J Dermatol. Year: 1994 | The study considered reliability (repeatability) of the UK Working Party criteria; 15 patients were included, of which 7 were children. However, no demographic data were given for the 7 children therefore it is not known whether they fall within |

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| | | the age range of this guideline. |
| ³³ | Authors: Wisuthsarewong W;Viravan S;. Title: Diagnostic criteria for atopic dermatitis in Thai children. Journal Name: Journal of the Medical Association of Thailand. Year: 2004 Dec | Study describes the development of diagnostic criteria in Thai children. Not considered to be relevant to the diagnosis question. |
| ³⁴ | Authors: Yetman RJ;Parks D;. Title: Practice guidelines. Diagnosis and management of atopic dermatitis. Journal Name: Journal of Pediatric Health Care. Year: 2002 | These practice guidelines cover history and physical examination but not diagnostic criteria for atopic eczema. |

Severity, psychological well-being and quality of life

| Reference ID | Bibliographic Information | Reason for rejecting study |
|---------------|---|---|
| ³⁵ | Authors: Amon U;Mommel U;Stoll R;Amon S;. Title: Comparison of severity scoring of atopic dermatitis values and serum levels of eosinophil cationic protein and mast cell tryptase for routine evaluation of atopic dermatitis. Journal Name: Acta Dermato-Venereologica. Year: 2000 Jul | Serology test not severity scoring system. May be relevant for clinical tests question. |
| ³⁶ | Authors: Angelova-Fischer I;Bauer A;Hipler UC;Petrov I;Kazandjieva J;Bruckner T;Diepgen T;Tsankov N;Williams M;Fischer TW;Elsner P;Fluhr JW;. Title: The objective severity assessment of atopic dermatitis (OSAAD) score: validity, reliability and sensitivity in adult patients with atopic dermatitis. Journal Name: British Journal of Dermatology. Year: 2005 Oct | Adults only |
| ³⁷ | Authors: Atakan N;Erdem C;. Title: The efficacy, tolerability and safety of a new oral formulation of Sandimmun-Sandimmun Neoral in severe refractory atopic dermatitis. Journal Name: Journal of the European Academy of Dermatology and Venereology. Year: 1998 Nov | Adults only. Paper referenced in systematic review |
| ³⁸ | Authors: Bahmer FA;. Title: ADASI score: atopic dermatitis area and severity index. Journal Name: Acta Dermato-Venereologica. Year: 1992 | Discussion only. Paper referenced in systematic review |
| ³⁹ | Authors: Bahmer FA;Schafer J;Schubert HJ;. Title: Quantification of the extent and the severity of atopic dermatitis: the ADASI score. Journal Name: Archives of Dermatology. Year: 1991 Aug | Discussion only. Paper referenced in systematic review |
| ⁴⁰ | Authors: Ben-Gashir MA;. Title: Relationship between quality of life and disease severity in atopic dermatitis/eczema syndrome during childhood. [40 refs]. Journal Name: Current Opinion in Allergy and Clinical Immunology. Year: 2003 Oct | Non systematic review |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| 41 | Authors: Ben-Gashir MA;Seed PT;Hay RJ;. Title: Predictors of atopic dermatitis severity over time. Journal Name: Journal of the American Academy of Dermatology. Year: 2004 Mar | Not relevant to question, as not looking at measuring severity May be relevant for epidemiology question. |
| 42 | Authors: Berth-Jones J;Graham-Brown RA;. Title: Placebo-controlled trial of essential fatty acid supplementation in atopic dermatitis.[see comment][erratum appears in Lancet 1993 Aug 28;342(8870):564]. Journal Name: Lancet. Year: 1993 Jun 19 | Paper used as background only Children and adults, average age > 12 |
| 43 | Authors: Berth-Jones J;Graham-Brown RA;Marks R;Camp RD;English JS;Freeman K;Holden CA;Rogers SC;Oliwiecki S;Friedmann PS;Lewis-Jones MS;Archer CB;Adriaans B;Douglas WS;Allen BR;. Title: Long-term efficacy and safety of cyclosporin in severe adult atopic dermatitis. Journal Name: British Journal of Dermatology. Year: 1997 Jan | Adults only. Paper referenced in systematic review |
| 44 | Authors: Berth-Jones J;Thompson J;Graham-Brown RA;. Title: Evening primrose oil and atopic eczema.. Journal Name: Lancet. Year: 1995 Feb 25 | Paper used as background only Discussion only. Paper referenced in systematic review |
| 45 | Authors: Bianchi B;. Title: Practical application of the scorad index in a clinical trial on children and adults with atopic dermatitis. Abstract 4131. The 19th World Congress of Dermatology 15-20 June, 1997 Sydney, Australia. Journal Name: The Australasian journal of dermatology. Year: 1997 | Lots more Adults than children - responsiveness to change study |
| 46 | Authors: Bland JM;Altman DG;. Title: Statistical methods for assessing agreement between two methods of clinical measurement. Journal Name: Lancet. Year: 1986 Feb 8 | Paper used as background only as no data |
| 47 | Authors: Bodemer C;. Title: How should severe and chronic atopic dermatitis in children be managed? [French]. Journal Name: Annales de Dermatologie et de Venereologie. Year: 2005 | Not relevant to question, as not looking at measuring severity |
| 25 | Authors: Braae OA;Bang K;Juul S;Thestrup-Pedersen K;. Title: Development and validation of a questionnaire for diagnosing atopic dermatitis. Journal Name: Acta Dermato-Venereologica. Year: 2001 Aug | Not relevant to question, as not looking at measuring severity. May be relevant for diagnosis question. |
| 48 | Authors: Breneman DL;Hanifin JM;Berge CA;Keswick BH;Neumann PB;. Title: The effect of antibacterial soap with 1.5% triclocarban on Staphylococcus aureus in patients with atopic dermatitis. Journal Name: Cutis. Year: 2000 Oct | Adults |
| 49 | Authors: Broberg A;Kalimo K;Lindblad B;Swanbeck G;. Title: Parental education in the treatment of childhood atopic eczema. Journal Name: Acta Dermato-Venereologica. Year: 1990 | Paper used as background only as no data |
| 50 | Authors: Broberg A;Svensson A;Borres MP;Berg R;. Title: Atopic dermatitis in 5-6-year-old Swedish children: cumulative incidence, point prevalence, and severity scoring. Journal Name: Allergy. Year: 2000 Nov | Not relevant to question, as not looking at how to measure severity. May be relevant for epidemiology question. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 51 | Authors: Cavagni G;Caffarelli C;Facchetti F;Brugnoli D;Notarangelo LD;Tosoni C;Altobelli R;. Title: Cutaneous CD30+ cells in children with atopic dermatitis. Journal Name: International Archives of Allergy and Immunology. Year: 2000 Mar | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 52 | Authors: Charman C;. Title: Measuring atopic eczema severity: improving outcome measures for research and clinical practice.. Journal Name: . Year: 2005 | Paper used as background only as no data |
| 53 | Authors: Cohen JA;. Title: A coefficient of agreement for nominal scales. Journal Name: Educational and Psychological Measurement. Year: 1960 | Paper used as background only as no data |
| 54 | Authors: Cork MJ;Britton J;Butler L;Young S;Murphy R;Keohane SG;. Title: Comparison of parent knowledge, therapy utilization and severity of atopic eczema before and after explanation and demonstration of topical therapies by a specialist dermatology nurse. Journal Name: British Journal of Dermatology. Year: 2003 Sep | Paper used as background only as no data |
| 55 | Authors: Costa C;Rilliet A;Nicolet M;Saurat JH;. Title: Scoring atopic dermatitis: the simpler the better?. Journal Name: Acta Dermato-Venereologica. Year: 1989 | Paper used as background only Adults only. Paper referenced in systematic review |
| 56 | Authors: Der-Petrossian M;Seeber A;Honigsmann H;Tanew A;. Title: Half-side comparison study on the efficacy of 8-methoxypsoralen bath-PUVA versus narrow-band ultraviolet B phototherapy in patients with severe chronic atopic dermatitis. Journal Name: British Journal of Dermatology. Year: 2000 Jan | Study in adults |
| 57 | Authors: Dhar S;Malakar R;Chattopadhyay S;Dhar S;Banerjee R;Ghosh A;. Title: Correlation of the severity of atopic dermatitis with absolute eosinophil counts in peripheral blood and serum IgE levels. Journal Name: Indian Journal of Dermatology, Venereology and Leprology. Year: 2005 Jul | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 58 | Authors: Emerson RM;Charman CR;Williams HC;Allen BR;. Title: Modified Rajka and Langeland severity assessment (MRSa) for atopic dermatitis: a useful tool for epidemiological studies. Journal Name: Br J Dermatol. Year: 1998 | Abstract study reported in a full article ⁵⁹ |
| 60 | Authors: Emerson RM;Williams HC;Allen BR;. Title: Severity distribution of atopic dermatitis in the community and its relationship to secondary referral. Journal Name: British Journal of Dermatology. Year: 1998 | Not relevant to question, as not looking at measuring severity. May be relevant for referral and epidemiology questions. |
| 61 | Authors: Finlay AY;. Title: Measurement of disease activity and outcome in atopic dermatitis. [51 refs]. Journal Name: British Journal of Dermatology. Year: 1996 Oct | Discussion only. Paper referenced in systematic review |
| 62 | Authors: Frezzolini A;Paradisi M;Zaffiro A;Provini A;Cadoni S;Ruffelli M;De PO;. Title: Circulating interleukin 16 (IL-16) in children with atopic/eczema dermatitis syndrome (AEDS): a novel serological marker of disease activity. Journal Name: Allergy. Year: 2002 Sep | Serology test not severity scoring system. May be relevant for clinical tests question. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 63 | Authors: Friedman JY;Reed SD;Weinfurt KP;Kahler KH;Walter EB;Schulman KA;. Title: Parents' reported preference scores for childhood atopic dermatitis disease states. Journal Name: BMC Pediatrics. Year: 2004 Oct 18 | Not relevant to question, as not looking at measuring severity. May be relevant for quality of life question. |
| 64 | Authors: Furue M;Sugiyama H;Tsukamoto K;Ohtake N;Tamaki K;. Title: Serum soluble IL-2 receptor (sIL-2R) and eosinophil cationic protein (ECP) levels in atopic dermatitis. Journal Name: Journal of Dermatological Science. Year: 1994 Apr | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 65 | Authors: Granlund H;Erkko P;Sinisalo M;Reitamo S;. Title: Cyclosporin in atopic dermatitis: time to relapse and effect of intermittent therapy. Journal Name: British Journal of Dermatology. Year: 1995 Jan | Adults only. Paper referenced in systematic review |
| 66 | Authors: Hanifin JM;. Title: Standardized grading of subjects for clinical research studies in atopic dermatitis: workshop report. Journal Name: Acta Dermato-Venereologica. Year: 1989 | Discussion only. Paper referenced in systematic review |
| 67 | Authors: Hirai S;Kageshita T;Kimura T;Tsujiaki M;Okajima K;Imai K;Ono T;. Title: Soluble intercellular adhesion molecule-1 and soluble E-selectin levels in patients with atopic dermatitis. Journal Name: British Journal of Dermatology. Year: 1996 Apr | Children and adults |
| 68 | Authors: Hon K;Leung TF;Wong Y;Lam WK;Guan DQ;Ma KC;Sung YT;Fok TF;Leung PC;. Title: A pentaherbs capsule as a treatment option for atopic dermatitis in children: an open-labeled case series. Journal Name: American Journal of Chinese Medicine. Year: 2004 | Paper used as background only as no data |
| 69 | Authors: Hon KL;Leung TF;Ma KC;Li AM;Wong Y;Fok TF;. Title: Serum levels of cutaneous T-cell attracting chemokine (CTACK) as a laboratory marker of the severity of atopic dermatitis in children. Journal Name: Clinical and Experimental Dermatology. Year: 2004 May | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 70 | Authors: Hon KL;Leung TF;Ma KC;Wong CK;Wan H;Lam CW;. Title: Serum concentration of IL-18 correlates with disease extent in young children with atopic dermatitis. Journal Name: Pediatric Dermatology. Year: 2004 Nov | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 71 | Authors: Ikezawa Z;Ikebe T;Ogura H;Odajima H;Kurosaka F;Komatsu H;Sase K;Suga C;Sugiuchi M;Suguro H;. Title: Mass trial of hypoallergenic rice (HRS-1) produced by enzymatic digestion in atopic dermatitis with suspected rice allergy. HRS-1 Research Group. Journal Name: Acta Dermato-Venereologica. Year: 1992 | Study in children and adults average age > 12 |
| 72 | Authors: Kagi MK;Joller-Jemelka H;Wuthrich B;. Title: Correlation of eosinophils, eosinophil cationic protein and soluble interleukin-2 receptor with the clinical activity of atopic dermatitis. Journal Name: Dermatology. Year: 1992 | Adults only. Paper referenced in systematic review |
| 73 | Authors: Kanthraj GR;. Title: Computer aided design mapping for SCORAD index in atopic dermatitis--accessible and economical.[see comment][comment]. Journal Name: | Narrative discussion only |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| | Pediatric Allergy and Immunology. Year: 2005 Mar | |
| 74 | Authors: Kowalick L;Kleinheinz A;Weichenenthal M;Neuber K;Kohler I;Grosch J;Lungwitz G;Seegeberg C;Ring J;. Title: Low dose versus medium dose UV-A1 treatment in severe atopic eczema. Journal Name: Acta Dermato-Venereologica. Year: 1995 Jan | Adults only. Paper referenced in systematic review |
| 75 | Authors: Krutmann J;Diepgen TL;Luger TA;Grabbe S;Meffert H;Sonnichsen N;Czech W;Kapp A;Stege H;Grewe M;Schopf E;. Title: High-dose UVA1 therapy for atopic dermatitis: results of a multicenter trial. Journal Name: Journal of the American Academy of Dermatology. Year: 1998 Apr | Study in adults |
| 76 | Authors: Kunz B;Oranje AP;Labreze L;Stalder JF;Ring J;Taieb A;. Title: Clinical validation and guidelines for the SCORAD index: consensus report of the European Task Force on Atopic Dermatitis. Journal Name: Dermatology. Year: 1997 | Paper used as background only No numerical out comes were reported - discription of using SCORAD |
| 77 | Authors: La Grutta S;Richiusa P;Pizzolanti G;Mattina A;Pajno GB;Citarrella R;Passalacqua G;Giordano C;. Title: CD4(+)IL-13(+) cells in peripheral blood well correlates with the severity of atopic dermatitis in children. Journal Name: Allergy. Year: 2005 Mar | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 78 | Authors: Laske N;Niggemann B;. Title: Does the severity of atopic dermatitis correlate with serum IgE levels?. Journal Name: Pediatric Allergy and Immunology. Year: 2004 | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 79 | Authors: Leung TF;Ma KC;Hon KL;Lam CW;Wan H;Li CY;Chan IH;. Title: Serum concentration of macrophage-derived chemokine may be a useful inflammatory marker for assessing severity of atopic dermatitis in infants and young children. Journal Name: Pediatric Allergy and Immunology. Year: 2003 Aug | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 80 | Authors: Lewis-Jones MS;Charman CR;. Title: Atopic Dermatitis: Scoring severity and quality of life assessment. Journal Name: . Year: 2006 | Review only - references looked at |
| 81 | Authors: Lewis-Jones MS;Finlay AY;Dykes PJ;. Title: The infants' dermatitis quality of life index. Journal Name: British Journal of Dermatology. Year: 2001 | Not relevant to question, as not looking at measuring severity. May be relevant for quality of life question. |
| 82 | Authors: Lintu P;Savolainen J;Kortekangas-Savolainen O;Kalimo K;. Title: Systemic ketoconazole is an effective treatment of atopic dermatitis with IgE-mediated hypersensitivity to yeasts. Journal Name: Allergy. Year: 2001 Jun | Adults |
| 83 | Authors: Luger T;Van Leent EJ;Graeber M;Hedgecock S;Thurston M;Kandra A;Berth-Jones J;Bjerke J;Christophers E;Knop J;Knulst AC;Morren M;Morris A;Reitamo S;Roed-Petersen J;Schoepf E;Thestrup-Pedersen K;Van d;Bos JD;. Title: SDZ ASM 981: an emerging safe and effective treatment for atopic dermatitis. Journal Name: British | Study in adults |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| | Journal of Dermatology. Year: 2001 Apr | |
| 84 | Authors: Meads DM;McKenna SP;Kahler K;. Title: The quality of life of parents of children with atopic dermatitis: interpretation of PIQoL-AD scores. Journal Name: Quality of Life Research. Year: 2005 Dec | Not relevant to question, as not looking at measuring severity. May be relevant for quality of life question. |
| 85 | Authors: Moore C;Ehlayel M;Inostroza J;Leiva LE;Sorensen RU;. Title: Elevated levels of soluble HLA class I (sHLA-I) in children with severe atopic dermatitis. Journal Name: Annals of Allergy, Asthma, and Immunology. Year: 1997 Aug | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 86 | Authors: Muzaffar F;Hussain I;Rani Z;Aziz A;Sultan B;. Title: Emollients as an adjunct therapy to topical corticosteroids in children with mild to moderate atopic dermatitis. Journal Name: Journal of Pakistan Association of Dermatologists. Year: 2002 | Not relevant to question, as not looking at measuring severity |
| 87 | Authors: Noh G;Lee KY;. Title: Successful interferon alpha therapy in atopic dermatitis of Besnier's prurigo pattern with normal serum IgE and blood eosinophil fraction: randomized case-controlled study. Journal Name: Cytokine. Year: 2001 Jan 21 | Study in adults and children, mean age >12 years |
| 88 | Authors: Oymar K;Aksnes L;. Title: Increased levels of urinary leukotriene E4 in children with severe atopic eczema/dermatitis syndrome. Journal Name: Allergy. Year: 2005 | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 89 | Authors: Pucci N;Lombardi E;Novembre E;Farina S;Bernardini R;Rossi E;Favilli T;Vierucci A;. Title: Urinary eosinophil protein X and serum eosinophil cationic protein in infants and young children with atopic dermatitis: correlation with disease activity. Journal Name: Journal of Allergy and Clinical Immunology. Year: 2000 Feb | Serology test not severity scoring system. May be relevant for clinical tests question. |
| 90 | Authors: Queille-Roussel C;Raynaud F;Saurat JH;. Title: A prospective computerized study of 500 cases of atopic dermatitis in childhood. I. Initial analysis of 250 parameters. Journal Name: Acta Dermato-Venereologica. Year: 1985 | Paper used as background only |
| 91 | Authors: Rajka G;Langeland T;. Title: Grading of the severity of atopic dermatitis. Journal Name: Acta Dermato-Venereologica. Year: 1989 | Discussion only. Paper referenced in systematic review |
| 92 | Authors: Schafer T;Heinrich J;Wjst M;Adam H;Ring J;Wichmann HE;. Title: Association between severity of atopic eczema and degree of sensitization to aeroallergens in schoolchildren. Journal Name: Journal of Allergy and Clinical Immunology. Year: 1999 Dec | Not relevant to question, as not looking at trigger factors as potential cause of eczema. |
| 93 | Authors: Shimada Y;Sato S;Hasegawa M;Tedder TF;Takehara K;. Title: Elevated serum L-selectin levels and abnormal regulation of L-selectin expression on leukocytes in atopic dermatitis: Soluble L-selectin levels indicate disease severity. Journal Name: Journal of Allergy and Clinical | Serology test not severity scoring system. May be relevant for clinical tests question. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|----------------|---|---|
| | Immunology. Year: 1999 | |
| ⁹⁴ | Authors: Son SW;Park SY;Ha SH;Park GM;Kim MG;Moon JS;Yoo DS;Oh CH;. Title: Objective evaluation for severity of atopic dermatitis by morphologic study of skin surface contours. Journal Name: Skin Research and Technology. Year: 2005 Nov | Adults and Childen (mean age 11) |
| ⁹⁵ | Authors: Sowden JM;Berth-Jones J;Ross JS;Motley RJ;Marks R;Finlay AY;Salek MS;Graham-Brown RA;Allen BR;Camp RD;. Title: Double-blind, controlled, crossover study of cyclosporin in adults with severe refractory atopic dermatitis.[see comment]. Journal Name: Lancet. Year: 1991 Jul 20 | Adults only. Paper referenced in systematic review |
| ⁹⁶ | Authors: Takigawa M;Tamamori T;Horiguchi D;Sakamoto T;Yamada M;Yoshioka A;Toda K;Imamura S;Yodoi J;. Title: Fc epsilon receptor II/CD23-positive lymphocytes in atopic dermatitis. I. The proportion of Fc epsilon RII+ lymphocytes correlates with the extent of skin lesion. Journal Name: Clinical and Experimental Immunology. Year: 1991 May | Serology test not severity scoring system. May be relevant for clinical tests question. |
| ⁹⁷ | Authors: Tan BB;Weald D;Strickland I;Friedmann PS;. Title: Double-blind controlled trial of effect of housedust-mite allergen avoidance on atopic dermatitis. Journal Name: Lancet. Year: 1996 Jan 6 | Included in systamatic review ⁹⁸ |
| ⁹⁹ | Authors: Taniuchi S;Chihara J;Kojima T;Yamamoto A;Sasai M;Kobayashi Y;. Title: Serum eosinophil derived neurotoxin may reflect more strongly disease severity in childhood atopic dermatitis than eosinophil cationic protein. Journal Name: Journal of Dermatological Science. Year: 2001 May | Serology test not severity scoring system. May be relevant for clinical tests question. |
| ¹⁰⁰ | Authors: Tarroux R;Assalit MF;Licu D;Perie JJ;Redoules D;. Title: Variability of enzyme markers during clinical regression of atopic dermatitis. Journal Name: Skin Pharmacology and Applied Skin Physiology. Year: 2002 Jan | Serology test not severity scoring system. May be relevant for clinical tests question. |
| ¹⁰¹ | Authors: Tofte S;Graeber M;Cherill M;Omoto M;Thurston M;Hanifin JM;. Title: Eczema area and severity index (EASI): A new tool to evaluate atopic dermatitis. Journal Name: J Eur Acad Dermatol Venereol. Year: 1998 | Paper used as background only No data given |
| ¹⁰² | Authors: Toma T;Mizuno K;Okamoto H;Kanegane C;Ohta K;Ikawa Y;Miura M;Kuroda M;Niida Y;Koizumi S;Yachie A;. Title: Expansion of activated eosinophils in infants with severe atopic dermatitis. Journal Name: Pediatrics International. Year: 2005 Feb | Serology test not severity scoring system. May be relevant for clinical tests question. |
| ¹⁰³ | Authors: Tsuboi H;Kouda K;Takeuchi H;Takigawa M;Masamoto Y;Takeuchi M;Ochi H;. Title: 8-hydroxydeoxyguanosine in urine as an index of oxidative damage to DNA in the evaluation of atopic dermatitis. Journal Name: British Journal of Dermatology. Year: 1998 Jun | Adults only. Paper referenced in systematic review |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| 104 | Authors: van JT;Heule F;Korstanje M;van den Broek MJ;Stenveld HJ;van Vloten WA;. Title: Cyclosporin in atopic dermatitis: a multicentre placebo-controlled study. Journal Name: British Journal of Dermatology. Year: 1994 May | Adults only. Paper referenced in systematic review |
| 105 | Authors: van JT;Kozel MM;Tank B;Troost R;Prens EP;. Title: Cyclosporine in atopic dermatitis. Modulation in the expression of immunologic markers in lesional skin. Journal Name: Journal of the American Academy of Dermatology. Year: 1992 Dec | Paper used as background only Adults only. Paper referenced in systematic review |
| 106 | Authors: Van Leent EJ;Graber M;Thurston M;Wagenaar A;Spuls PI;Bos JD;. Title: Effectiveness of the ascomycin macrolactam SDZ ASM 981 in the topical treatment of atopic dermatitis. Journal Name: Archives of Dermatology. Year: 1998 Jul | Adults only. Paper referenced in systematic review |
| 107 | Authors: Walker C;Kagi MK;Ingold P;Braun P;Blaser K;Bruijnzeel-Koomen CA;Wuthrich B;. Title: Atopic dermatitis: correlation of peripheral blood T cell activation, eosinophilia and serum factors with clinical severity. Journal Name: Clinical and Experimental Allergy. Year: 1993 Feb | Adults only. Paper referenced in systematic review |
| 108 | Authors: Wuthrich B;Kagi MK;Joller-Jemelka H;. Title: Soluble CD14 but not interleukin-6 is a new marker for clinical activity in atopic dermatitis. Journal Name: Archives of Dermatological Research. Year: 1992 | Adults only. Paper referenced in systematic review |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|--|
| 109 | Authors: Wilson ME; Megel ME; FredrichsAM; McLaughlin P;. Title: Physiologic and behavioral responses to stress, temperament, and incidence of infection and atopic disorders in the first year of life: a pilot study.. Journal Name: J Pediatr Nurs. Year: 2003 | Experimental intervention of atopic children |
| 110 | Authors: Laihinen A;. Title: Assessment of psychiatric and psychosocial factors disposing to chronic outcome of dermatoses. Journal Name: Acta Derm Venerol (Stockh). Year: 1991 | adults age 20+ |
| 111 | Authors: Hashiro M; Okumura M;. Title: Anxiety, depression and psychosomatic symptoms in patients with atopic dermatitis: comparison with normal controls and among groups of different degrees of severity.. Journal Name: J Dermatol Sci. Year: 1997 | Adult data age 25+ |
| 112 | Authors: Koblenzer CS; Koblenzer PJ;. Title: Chronic intractable atopic eczema. Journal Name: Arch dermatol. Year: 1988 | No intervention No measures Description of cases |
| 113 | Authors: Yang S; Yun S; Lee J; LeeJ; Kim S; Won Y; Lee S;. Title: Relationship between severity of childhood atopic dermatitis and subject's characteristics including psychological, | Not in the English language |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| | behavioral and familial problems. Journal Name: Korean J Dermatol. Year: 2005 | |
| 114 | Authors: Arima M; Shimizu Y; Sowa J; Narita T; Nishi I; Iwata N; Ozaki N; Hashimoto S; Matsunaga K;. Title: Psychosomatic analysis of atopic dermatitis using a psychological test. Journal Name: J Dermatol. Year: 2005 | adult data age 21+ |
| 115 | Authors: Misery L; Chastaing M;. Title: Joint consultation by a psychiatrist and a dermatologist. Journal Name: Dermatol Psychosom. Year: 2003 | 4/50 are children 1/4 is a 15 year old No individual data various skin conditions |
| 116 | Authors: Kiebert G; Sorensen SV; Revicki D;Fagan SC; Doyle JJ; Cohen J; Fivenson D;. Title: Atopic dermatitis is associated with a decrement in health-related quality of life.. Journal Name: Inter Soc Dermatol. Year: 2002 | QOL study with significant number of children in it (n=132). Emphasis on mental health but no breakdown of scales for children. |
| 117 | Authors: Howlett S;. Title: Emotional dysfunction, child-family relationships and childhood atopic dermatitis. Journal Name: Br J Dermatol. Year: 1999 | not a study |
| 118 | Authors: Liedtke R;. Title: Socialization and psychosomatic disease: an empirical study of the educational style of parents with psychosomatic children. Journal Name: Psychother Psychosom. Year: 1990 | study outcome are on parent educational skills |
| 119 | Authors: Beattie PE; Lewis-Jones MS;. Title: Impairment of quality of life in children with skin disease: further validation studies of the Children's Dermatology Life Quality Index and the Children's Life Quality Index.. Journal Name: Br J Dermatol. Year: 2003 | abstract of work published in full in 2006 |
| 120 | Authors: Hongbo Y; Thomas CL; Harrison MA; Salek S; Finlay AY;. Title: Translating the science of quality of life into practice: what do dermatolog life quality index scores mean ?. Journal Name: J Invest Dermatol. Year: 2005 | adults, not eczema specific |
| 121 | Authors: Lundberg L; Johannesson M; Siverdahl M; Hermansson C; Lindberg M;. Title: Health-related quality of life in patients with psoriasis and atopic dermatitis measured with SF-36, DLQI, and a subjective measure of disease activity.. Journal Name: Acta Derm Venerol. Year: 2000 | Adult data |
| 122 | Authors: Long CC; Funnell CM;Collard R; Finlay AY;. Title: What do members of the National Eczema Society really want?. Journal Name: Clin Exper Dermatol. Year: 1993 | Of use for intro |
| 123 | Authors: Cox M;. Title: Living with the enemy: eczema in the family. Journal Name: J Family Health Care. Year: 2005 | general article |
| 124 | Authors: Moore K; David TJ; Murray CS; Child F; Arkwright PD;. Title: Effect of childhood eczema and asthma on parental sleep and wellbeing : a prospective comparative study. Journal Name: Br J Dermatol. Year: 2006 | mentioned by ref only as e.g. relevant to other section ? |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|----------------|---|---|
| ¹²⁵ | Authors: Balkrishnan R; housman TS; Grummer S; Rapp SR; Clarke J; Feldman SR; Fleischer AB;. Title: The family impact of atopic dermatitis in children: the role of the parent caregiver. Journal Name: <i>Pediatr Dermatol</i> . Year: 2003 | Duplicate publication of ¹²⁶ |
| ¹²⁷ | Authors: Balkrishnan R; Mael J; Clarke I; Carroll CL; Housman TS; Fleischer AB;. Title: Effects of an episode of specialist care on the impact of childhood atopic dermatitis on the child's family. Journal Name: <i>J Pediatr</i> . Year: 2003 | Duplicate publication of 4575 |
| ¹²⁸ | Authors: Whally D; Huels J; McKenna SP; van Assche D;. Title: The benefit of pimecrolimus (Elidel, SDZ ASM 981) on parent's quality of life in the treatment of pediatric atopic dermatitis. Journal Name: <i>Pediatrics</i> . Year: 2002 | Included in ⁸⁴ |
| ¹²⁹ | Authors: Allen AD;. Title: Intractable atopic eczema suggests major affective disorder: poor parenting is secondary. Journal Name: <i>Arch Dermatol</i> . Year: 1989 | commentary on mothers role |
| ¹³⁰ | Authors: Mckimming J; Gleeson L; Sinclair M;. Title: A pilot study of a support group for parents of children with eczema. Journal Name: <i>Aust J Derm</i> . Year: 1984 | Support group study no relevant outcomes |
| ¹³¹ | Authors: McKenna SP; Whalley D; de Prost Y; Staab D; Huels J; Paul CF; van Assche D;. Title: Treatment of paediatric atopic dermatitis with pimecrolimus (Elidel, SDZ ASM 981): impact on quality of life and health related quality of life. Journal Name: <i>JEADV</i> . Year: 2006 | mentioned by ref only as e.g. relevant to other section ? |
| ¹³² | Authors: Staab D; Kaufmann R; Brautigam M; Wahn U, the CASM981CDE04 study group;. Title: Treatment of infants with atopic eczema with pimecrolimus cream 1% improves parents' quality of life: a multicenter, randomized trial. Journal Name: <i>Pediatr Allergy Immunol</i> . Year: 2005 | mentioned by ref only as e.g. relevant to other section ? |
| ¹³³ | Authors: Tahvanainen AT; Isolaur E;. Title: Concerns and expectations of parents with atopic eczema. Journal Name: <i>Pediatr Allergy Immunol</i> . Year: 2000 | survey |
| ¹³⁴ | Authors: Wenninger K; Kehrt R; von Ruden U; Lehmann C; Binder C; Wahn U; Staab D;. Title: Structured parent education in the management of childhood atopic dermatitis: the Berlin model. Journal Name: <i>Parent Education and Counselling</i> . Year: 2000 | This is a detailed description of an educational program with preliminary results of a study reported in full in ¹³⁵ |
| ¹³⁶ | Authors: Gil KM; Keefe FJ; Sampson HA; McCaskill CC; Rodin J; Crisson JE;. Title: The relation of stress and family environment to atopic dermatitis symptoms in children. Journal Name: <i>J Psychosomatic Res</i> . Year: 1987 | general paper |
| ¹³⁷ | Authors: von Ruden U; Bunikoski R; Brautigam M; Staab D;. Title: Cyclosporin A treatment of children with severe atopic dermatitis improves quality of life of their mothers. Journal Name: <i>Dermatol Psychosom</i> . Year: 2002 | mentioned by ref only as e.g. relevant to other section ? |
| ¹³⁸ | Authors: Warschburger P; Landgraf JM; Petermann F; Friedel K;. Title: Health-related quality of life in children assessed by their parents: evaluation of the psychometric properties of the CHQ-PF50 in two German samples. Journal Name: <i>Quality of Life Research</i> . Year: 2003 | patients not parents QoL |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| 139 | Authors: Warschburger P; Buchholz HTH; Petermann F;. Title: Psychological adjustment in parents of young children with atopic dermatitis: which factors predict parental quality of life. Journal Name: Br J Dermatol. Year: 2004 | mentioned by ref only as e.g. relevant to other section ? |
| 135 | Authors: Staab D; von Rueden U; Kehrt R; Erhart M; Wenninger K; Kamtsiuris P; Wahn U;. Title: Evaluation of a parental training program for the management of childhood atopic dermatitis. Journal Name: Pediatr Allergy Immunol. Year: 2002 | mentioned by ref only as e.g. relevant to other section ? |
| 140 | Authors: Charman CR; Venn AJ; Williams HC;. Title: The patient-oriented eczema measure: Development and initial validation of the new tool for measuring atopic eczema severity from the patients' perspective. Journal Name: Arch Dermatol. Year: 2004 | patients not parents QoL |
| 141 | Authors: Housman TS; Patel Mj; Camacho F; Feldman SR; Fleischer AB; Balkrishnan R;. Title: Use of the self-administered eczema area and severity index by parent caregivers : results of a validation study. Journal Name: Br J Dermatol. Year: 2002 | Parents but not QoL measure |
| 142 | Authors: Gore C; Johnson RJ; Caress AL; Woodcock A; Custovic A;. Title: The information needs and preferred roles in treatment decision-making of parents caring for infants with atopic dermatitis; a qualitative study. Journal Name: Allergy. Year: 2005 | No relevant outcomes |
| 143 | Authors: Friedman JY; Reed SD; Weinfurt KP; Kahler KH; Walter EB; Schulman KA;. Title: Parents' reported preference scores for childhood atopic dermatitis disease states. Journal Name: BMC Pediatrics. Year: 2004 | Parents but not QoL measure |
| 144 | Authors: Staab D; Diegen TL; Fartasch M; Kupfer J; Lob-Corzilius T; Ring J; Scheewe S; Scheidt R; Schmid-Ott G; Schnopp C; Szczepanski R; Werfel T; Wittenmeier M; Wahn U; Gieler U;. Title: Age-related, structured educational programmes for the management of atopic dermatitis in children and adolescents: multicentre, randomised controlled trial. Journal Name: Br Med J. Year: 2006 | mentioned by ref only as e.g. relevant to other section ? |
| 145 | Authors: Carroll CL; Balkrishnan R; Feldman SR; Fleischer AB; Manuel JC;. Title: The burden of atopic dermatitis: impact on the patient, family and society. Journal Name: Pediatr Dermatol. Year: 2005 | general paper |
| 146 | Authors: Chamlin SL; Frieden IJ; Williams ML; Chren MM;. Title: Effects of atopic dermatitis on young american children and their families. Journal Name: Pediatrics. Year: 2004 | Parents but no QoL measure |
| 147 | Authors: Holm EA; Wulf HC; Stegmann H; Jemec GBE;. Title: Life quality assessment among patients with atopic eczema.. Journal Name: B J Dermatol. Year: 2006 | No individual data for children in comparison analysis of QoL and SCORAD and SF-36 and VASs |
| 148 | Authors: Moore E; Williams A; Manias E; Varigos G;. Title: Nurse-led clinics reduce severity of childhood atopic eczema: a review of the literature.. Journal Name: B J Dermatol. Year: 2006 | Review of education. No studies included had QoL outcomes |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---------------------------------|
| 149 | Authors: Ullman KC; Moore R; Reidy M;. Title: Atopic eczema: a clinical psychiatric study. Journal Name: J Asthma Res. Year: 1977 | Adult data |
| 150 | Authors: Ersser S; Latter S; Surridge H; Buchanan P; Satherley P; Welbourne S;. Title: Psychological and educational interventions for atopic eczema in children. Journal Name: The Cochrane Library. Year: 2006 | protocol only |
| 151 | Authors: Linnet J; Psych C; Jemec GBE;. Title: Anxiety level and severity of skin condition predicts outcome of psychotherapy in atopic dermatitis patients. Journal Name: Inter J Dermatol. Year: 2001 | adult data |
| 152 | Authors: Gupta MA; Gupta AK;. Title: Use of eye movement desensitization and preprocessing (EMDR) in the treatment of dermatologic disorders. Journal Name: J Cutan Med Surg. Year: 2002 | adult data |
| 153 | Authors: Haynes SN; Wilson CC; Jaffe PG; Britton BT;. Title: Biofeedback treatment of atopic dermatitis: controlled case studies of eight cases. Journal Name: Biofeedback Self - Reg. Year: 1979 | Only 1 child in 12 patients |
| 154 | Authors: Cappore HS; Rowland Payne ME; Goldin D;. Title: Does psychological intervention help chronic skin conditions?. Journal Name: Postgrad Med J. Year: 1998 | No individual data for children |

Epidemiology

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| 155 | Authors: Anderson HR;Pottier AC;Strachan DP;. Title: Asthma from birth to age 23: incidence and relation to prior and concurrent atopic disease. Journal Name: Thorax. Year: 1992 Jul | Data about eczema combined with hay fever |
| 156 | Authors: Austin JB;Kaur B;Anderson HR;Burr M;Harkins LS;Strachan DP;Warner JO;. Title: Hay fever, eczema, and wheeze: a nationwide UK study (ISAAC, international study of asthma and allergies in childhood). Journal Name: Archives of Disease in Childhood. Year: 1999 Sep | Children were aged 12-14 years - outside the scope of the guideline. |
| 157 | Authors: Cantani A;Micera M;. Title: Epidemiology of atopy in 220 children. Diagnostic reliability of skin prick tests and total and specific IgE levels. Journal Name: Minerva Pediatrica. Year: 138 | Children had asthma and allergic rhinitis as well as atopic eczema |
| 158 | Authors: Child FJ;Fuller LC;Higgins EM;du Vivier AW;. Title: A study of the spectrum of skin disease occurring in a black population in south-east London. Journal Name: British Journal of Dermatology. Year: 1999 Sep | No demographic data for the 187 black children included in the study. The study only tells us the proportion of cases diagnosed as atopic eczema within the cohort. |
| 159 | Authors: Cudowska B;Kaczmarek M;. Title: Atopy patch test in the diagnosis of food allergy in children with atopic eczema dermatitis syndrome. Journal Name: Roczniki | Not relevant to epidemiology (Triggering factor?) |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| | Akademii Medycznej W Białymstoku. Year: 2005 | |
| 160 | Authors: Dunwell P;Rose A;. Title: Study of the skin disease spectrum occurring in an Afro-Caribbean population. Journal Name: International Journal of Dermatology. Year: 2003 | Study not only in children - unknown mean age |
| 161 | Authors: Fergusson DM;Horwood LJ;Shannon FT;. Title: Early solid feeding and recurrent childhood eczema: a 10-year longitudinal study. Journal Name: Pediatrics. Year: 1990 Oct | Study not relevant to the guideline question on epidemiology. |
| 162 | Authors: George AO;. Title: Atopic dermatitis in Nigeria. Journal Name: International Journal of Dermatology. Year: 1989 May | Children and Adults |
| 163 | Authors: Haileamlak A, Lewis SA, Britton J, Venn AJ, Woldermariam D, Hubbard R, Williams HC. Title: Validation of the International study of asthma and allergies in children (ISAAC) and U.K. criteria for atopic eczema in Ethiopian children. Journal Name: Br J Dermatol. Year: 2005 | Not relevant to the guideline question on epidemiology. |
| 164 | Authors: Halken S;. Title: Prevention of allergic disease in childhood: Clinical and epidemiological aspects of primary and secondary allergy prevention. Journal Name: Pediatric Allergy and Immunology, Supplement. Year: 2004 | Not relevant to epidemiology question. |
| 165 | Authors: Harris JM;Cullinan P;Williams HC;Mills P;Moffat S;White C;Newman Taylor AJ;. Title: Environmental associations with eczema in early life. Journal Name: British Journal of Dermatology. Year: 2001 Apr | A more recent publication of this study is included (Harris 2007. ¹⁶⁵) |
| 166 | Authors: Janumpally SR;Feldman SR;Gupta AK;Fleischer AB;. Title: In the United States, blacks and Asian/Pacific Islanders are more likely than whites to seek medical care for atopic dermatitis. Journal Name: Archives of Dermatology. Year: 2002 May | Not relevant to the guideline question on epidemiology. |
| 167 | Authors: Meglio P;Arabito E;Plantamura M;Businco L;. Title: Prevalence of latex allergy and evaluation of some risk factors in a population of atopic children. Journal Name: Journal of Investigational Allergology and Clinical Immunology. Year: 2002 | Not relevant to epidemiology (Triggering factor?) |
| 168 | Authors: Millikan LE;. Title: Atopic dermatitis. Clinical spectrum and approach to treatment. Journal Name: Postgraduate Medicine. Year: 1984 Jul | Narrative review - background information. |
| 169 | Authors: Nanda A;Al-Hasawi F;Alsaleh QA;. Title: A prospective survey of pediatric dermatology clinic patients in Kuwait: an analysis of 10,000 cases. Journal Name: Pediatric Dermatology. Year: 1999 Jan | Study reports the proportion of atopic eczema among children with dermatological conditions - study only conducted in Kuwait, therefore not believed to give useful information regarding epidemiology. |
| 170 | Authors: Novembre E;Cianferoni A;Lombardi E;Bernardini R;Pucci N;Vierucci A;. Title: Natural history of 'intrinsic' atopic dermatitis. Journal Name: Allergy. Year: 2001 May | UK data available therefore this Italian study excluded. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|--|
| 171 | Authors: Poysa L;Korppi M;Pietikainen M;Remes K;Juntunen-Backman K;. Title: Asthma, allergic rhinitis and atopic eczema in Finnish children and adolescents. Journal Name: Allergy. Year: 1991 Apr | Children and adolescents of unknown age, in Finland. We have UK data for these aspects of epidemiology. |
| 172 | Authors: Remes ST;Korppi M;Kajosaari M;Koivikko A;Soininen L;Pekkanen J;. Title: Prevalence of allergic rhinitis and atopic dermatitis among children in four regions of Finland. Journal Name: Allergy. Year: 1998 Jul | Children aged 13-14 |
| 173 | Authors: Rennick GJ;Moore E;Orchard DC;. Title: Skin prick testing to food allergens in breast-fed young infants with moderate to severe atopic dermatitis. Journal Name: Australasian Journal of Dermatology. Year: 2006 Feb | Not relevant to epidemiology (Triggering factor?) |
| 174 | Authors: Rottem M;Darawsha J;Zarfin J;. Title: Atopic dermatitis in infants and children in Israel: clinical presentation, allergies and outcome. Journal Name: Israel Medical Association Journal. Year: 2004 Apr | We have UK data for this aspect of epidemiology therefore this study in Israel is excluded. |
| 175 | Authors: Rudzeviciene O;Narkeviciute I;Eidukevicius R;. Title: Lactose malabsorption in young Lithuanian children with atopic dermatitis. Journal Name: Acta Paediatrica. Year: 2004 Apr | Not relevant to epidemiology. |
| 176 | Authors: Shibeshi D;. Title: Pattern of skin disease at the Ethio-Swedish pediatric hospital, Addis Ababa, Ethiopia. Journal Name: Pediatric Dermatology. Year: 2000 Sep | We have UK data for epidemiology aspects included in this paper. |
| 177 | Authors: Tamsmark TH;Koch A;Melbye M;Molbak K;. Title: Incidence and predictors of atopic dermatitis in an open birth cohort in Sisimiut, Greenland. Journal Name: Acta Paediatrica. Year: 2001 Sep | We have UK data for epidemiology aspects included in this paper. |
| 178 | Authors: Tariq SM;Matthews SM;Hakim EA;Arshad SH;. Title: Egg allergy in infancy predicts respiratory allergic disease by 4 years of age. Journal Name: Pediatric Allergy and Immunology. Year: 2000 Aug | This study considers the relationship between egg allergy and atopic disease, predominantly respiratory disease. Although it is mentioned that a history of infantile atopic eczema 'had an independent association' with respiratory allergic symptoms, no data were presented. |
| 179 | Authors: van Asperen PP;Kemp AS;Mellis CM;. Title: A prospective study of the clinical manifestations of atopic disease in infancy. Journal Name: Acta Paediatrica Scandinavica. Year: 1984 Jan | Select group of children with a family history of atopy |
| 180 | Authors: Voor T;Julge K;Bottcher MF;Jenmalm MC;Duchen K;Bjorksten B;. Title: Atopic sensitization and atopic dermatitis in Estonian and Swedish infants. Journal Name: Clinical and Experimental Allergy. Year: 2005 Feb | We have UK data for epidemiology aspects included in this paper. |
| 181 | Authors: Wahn U;Bauer C;. Title: Baseline epidemiological data from ETAC. Journal Name: Allergologie. Year: 1998 | Not relevant to the guideline question on epidemiology. |
| 182 | Authors: Wenk C;Itin PH;. Title: Epidemiology of pediatric dermatology and allergology in the region of Aargau, Switzerland. Journal Name: Pediatric Dermatology. Year: 2003 Nov | Study reports the proportion of atopic eczema among children with dermatological conditions - study only conducted in Switzerland, therefore not believed to give useful information regarding epidemiology. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|----------------|---|---|
| ¹⁸⁵ | Authors: Williams HC;. Title: Epidemiology of atopic dermatitis. Journal Name: . Year: 2005 | Review; no description of study design, more detail in authors other publications. ^{184;185} |
| ¹⁸⁶ | Authors: Yates VM;Kerr RE;MacKie RM;. Title: Early diagnosis of infantile seborrhoeic dermatitis and atopic dermatitis--clinical features. Journal Name: British Journal of Dermatology. Year: 1983 Jun | No data relevant to the epidemiology question. |

Triggers and food allergy testing

| Reference ID | Bibliographic Information | Reason for rejecting |
|----------------|--|---|
| ¹⁸¹ | Title: Early solid feeding and recurrent childhood eczema: a 10-year longitudinal study Authors: Fergusson DM;Horwood LJ;Shannon FT; Journal: Pediatrics Year: 1990 Oct | Consider for epidemiology section. |
| ¹⁸⁷ | Title: A study of the factors responsible for the development of allergic diseases in early life Authors: Kawano Y;Morikawa M;Watanabe M;Ohshiba A;Noma T;Odajima H; Journal: Asian Pacific Journal of Allergy and Immunology Year: 2005 | This study considers factors associated with the development of atopic eczema in children, which is outside the guideline scope. |
| ¹⁸⁸ | Title: Allergic diseases and atopic sensitization in children related to farming and anthroposophic lifestyle - The PARSIFAL study Authors: Alfven T;Braun-Fahrlander C;Brunekreef B;von ME;Riedler J;Scheynius A;van HM;Wickman M;Benz MR;Budde J;Michels KB;Schram D;Ublagger E;Waser M;Pershagen G; Journal: Allergy Year: 2006 | This study considers factors affecting the development of allergic disorders, which is outside the guideline scope. |
| ¹⁸⁹ | Title: Asthma, allergy and atopy in Asian immigrants in Melbourne Authors: Leung RC;Carlin JB;Burdon JG;Czarny D; Journal: Medical Journal of Australia Year: 1994 Oct 3 | Epidemiological study in adults in Australia. |
| ¹⁹⁰ | Title: Atopic dermatitis. Correlation of environmental factors with frequency Authors: Rajka G; Journal: International Journal of Dermatology Year: 1986 Jun | Survey of dermatologists from 5 countries/continents asking for their views on the pattern and triggers for atopic eczema. The UK was not involved. |
| ¹⁹¹ | Title: Atopic eczema and other manifestations of atopy: results of a study in East and West Germany Authors: Schafer T;Vieluf D;Behrendt H;Kramer U;Ring J; Journal: Allergy Year: 1996 Aug | Consider for epidemiology section. |
| ¹⁹² | Title: Breast-feeding and atopic dermatitis Authors: Friday GA;Smith J; Journal: Pediatric Asthma Allergy and Immunology Year: 2000 | This study considers whether breast-feeding affects the development of allergic disorders, which is outside the guideline scope. |
| ¹⁹³ | Title: Breastfeeding and risk of atopic dermatitis, by parental history of | This study considers whether breast-feeding affects the development of allergic |

| Reference ID | Bibliographic Information | Reason for rejecting |
|--------------|--|---|
| | allergy, during the first 18 months of life Authors: Benn CS;Wohlfahrt J;Aaby P;Westergaard T;Benfeldt E;Michaelsen KF;Bjorksten B;Melbye M; Journal: American Journal of Epidemiology Year: 2004 Aug 1 | disorders, which is outside the guideline scope. |
| 194 | Title: Breastfeeding, soluble CD14 concentration in breast milk and risk of atopic dermatitis and asthma in early childhood: birth cohort study Authors: Rothenbacher D;Weyermann M;Beermann C;Brenner H; Journal: Clinical and Experimental Allergy Year: 2005 Aug | This study considers factors associated with the development of atopic eczema or asthma, which is outside the guideline scope. |
| 195 | Title: Climate and the prevalence of symptoms of asthma, allergic rhinitis, and atopic eczema in children Authors: Weiland SK;Husing A;Strachan DP;Rzehak P;Pearce N; Journal: Occupational and Environmental Medicine Year: 2004 | Consider for epidemiology section. |
| 196 | Title: Clinical course and prognosis of cow's milk allergy are dependent on milk-specific IgE status Authors: Saarinen KM;Pelkonen AS;Makela MJ;Savilahti E; Journal: Journal of Allergy and Clinical Immunology Year: 2005 Oct | The study aimed to identify the occurrence of atopic diseases in children with cow's milk allergy. The reverse question is what we need information on for this guideline. |
| 197 | Title: Early childhood environment related to microbial exposure and the occurrence of atopic disease at school age Authors: De MG;Janssen NAH;Brunekreef B; Journal: Allergy Year: 2005 | This survey considers the factors associated with the incidence of atopic disease at school age, rather than trigger factors in those with a diagnosis of atopic eczema. |
| 198 | Title: Early endotoxin exposure and atopy development in infants: results of a birth cohort study Authors: Bolte G;Bischof W;Borte M;Lehmann I;Wichmann HE;Heinrich J;LISA Study Group.; Journal: Clinical and Experimental Allergy Year: 2003 Jun | This study considers factors that affect the development of allergic disorders, which is outside the guideline scope. |
| 199 | Title: Eczematous reactions in atopic patients caused by epicutaneous testing with inhalant allergens Authors: Reitamo S;Visa K;Kahonen K;Kayhko K;Stubb S;Salo OP; Journal: British Journal of Dermatology Year: 1986 Mar | The study compares the prevalence of delayed reactions to patch tests in children with atopic eczema to those with allergic rhinitis, and healthy control patients. This does not inform us of how to identify or manage trigger factors. |
| 200 | Title: Eczematous skin reaction from patch testing with aeroallergens in atopic children with and without atopic dermatitis Authors: Wananukul S;Huiprasert P;Pongprasit P; Journal: Pediatric Dermatology Year: 1993 Sep | This study compares the results of patch testing to five aeroallergens in children with atopic eczema to those without the condition. We have systematic reviews that note the finding that aeroallergens can trigger atopic eczema, therefore individual studi |
| 201 | Title: Effect of exclusive breast-feeding and early solid food avoidance on the incidence of atopic dermatitis in high-risk infants at 1 year of age Authors: Schoetza A;Filipiak-Pittroff B;Franke K;Koletzko S;von BA;Gruebl A;Bauer CP;Berdel D;Reinhardt D;Wichmann HE;German Infant Nutritional Intervention Study Group.; Journal: Pediatric Allergy and Immunology Year: 2002 Aug | This study considers primary prevention of atopic eczema rather than management in children who have a diagnosis of atopic eczema. |
| 202 | Title: Environmental and dietary risk factors for infantile atopic eczema among a Slovak birth cohort Authors: Dunlop AL;Reichtova E;Palcovicova L;Ciznar P;mcakova-Dodd A;Smith SJ;McNabb SJN; Journal: Pediatric Allergy and Immunology Year: 2006 | The study aims to identify factors associated with the development of atopic eczema, rather than identification or management of those with a diagnosis of atopic eczema. |
| 203 | Title: Environmental factors and symptoms in infants at high risk of allergy.[see comment] Authors: Burr ML;Miskelly FG;Butland BK;Merrett TG;Vaughan-Williams E; Journal: Journal of Epidemiology and Community Health Year: 1989 Jun | The study considers possible causes of allergic diseases in infants, rather than trigger factors in those with a diagnosis of atopic eczema. |
| 204 | Title: Environmental pollution and allergy. [48 refs] Authors: Ring J;Eberlein-Koenig B;Behrendt H; Journal: Annals of Allergy, Asthma, and Immunology Year: 2001 Dec | Narrative review - background information. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 205 | Title: Ethnic differences in the pattern of skin disease seen in a dermatology department--atopic dermatitis is more common among Asian referrals in Leicestershire Authors: Sladden MJ;Dure-Smith B;Berth-Jones J;Graham-Brown RA; Journal: Clinical and Experimental Dermatology Year: 1991 Sep | Epidemiological data - but unclear whether these were data for adults and/or children. |
| 206 | Title: Exposure to a high concentration of mite allergen in early infancy is a risk factor for developing atopic dermatitis: a 3-year follow-up study Authors: Huang JL;Chen CC;Kuo ML;Hsieh KH; Journal: Pediatric Allergy and Immunology Year: 2001 Feb | This study considers factors associated with the development of atopic eczema in children, which is outside the guideline scope. |
| 207 | Title: Exposure to birch pollen in infancy and development of atopic disease in childhood Authors: Kihlstrom A;Lilja G;Perschagen G;Hedlin G; Journal: Journal of Allergy and Clinical Immunology Year: 2002 | This study considers factors associated with the development of atopic eczema in children, which is outside the guideline scope. |
| 208 | Title: Familiar and environmental factors influencing atopic dermatitis in the childhood Authors: Sebok B;Schneider I;Harangi F;Primary Care Paediatricians in Baranya County.; Journal: Journal of the European Academy of Dermatology and Venereology Year: 2006 Apr | Consider for epidemiology section. |
| 209 | Title: Food allergy and atopic dermatitis in infancy: An epidemiologic study Authors: Hill DJ;Hosking CS; Journal: Pediatric Allergy and Immunology Year: 2004 | Consider for epidemiology - this is not a study of how to identify food allergy |
| 210 | Title: Frequency of and risk factors for allergy in primary school children: results of a population survey Authors: Angioni AM;Fanciulli G;Corchia C; Journal: Paediatric and Perinatal Epidemiology Year: 1989 Jul | Consider for epidemiology section. |
| 211 | Title: Heredity, pet ownership, and confounding control in a population-based birth cohort Authors: Almqvist C;Egmar AC;van Hage-Hamsten M;Berglind N;Perschagen G;Nordvall SL;Svartengren M;Hedlin G;Wickman M; Journal: Journal of Allergy and Clinical Immunology Year: 2003 Apr | This study looks at pet ownership in a population-based birth cohort, to confirm the hypothesis that pet ownership might be a confounder in studies evaluating risk associations between pet exposure and allergic diseases. Not relevant to the guideline scope |
| 212 | Title: High interleukin-13 production by phytohaemagglutinin- and Der p 1-stimulated cord blood mononuclear cells is associated with the subsequent development of atopic dermatitis at the age of 3 years Authors: Lange J;Ngoumou G;Birkenheide S;Moseler M;Mattes J;Kuehr J;Kopp MV; Journal: Clinical and Experimental Allergy Year: 2003 Nov | This study considers factors involved in the development of atopic eczema, rather than the triggering of exacerbations/worsening in those who already have atopic eczema. |
| 213 | Title: Immediate reactions following challenge-tests in children with atopic dermatitis Authors: Meglio P;Farinella F;Trogolo E;Giampietro PG;Cantani A;Businco L; Journal: Allergie et Immunologie Year: 1988 Feb | The study considered the results of skin prick and IgE testing relative to an open food challenge but diagnostic accuracy data could not be calculated from the results reported. |
| 214 | Title: Increase in skin mast cells following chronic house dust mite exposure Authors: Mitchell EB;Crow J;Williams G;Platts-Mills TA; | The age of the study population is outside the guideline scope (20-30 years). |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| | Journal: British Journal of Dermatology Year: 1986 Jan | |
| 215 | Title: Maternal smoking influences cord serum IgE and IgD levels and increases the risk for subsequent infant allergy Authors: Magnusson CG; Journal: Journal of Allergy and Clinical Immunology Year: 1986 Nov | The study considers possible causes of allergic diseases in infants, rather than trigger factors in those with a diagnosis of atopic eczema. |
| 216 | Title: Perinatal risk factors for sensitization, atopic dermatitis and wheezing during the first year of life (PIPO study) Authors: Hagendorens MM;Bridts CH;Lauwers K;Van NS;Ebo DG;Vellinga A;De Clerck LS;Van Bever HP;Weyler JJ;Stevens WJ; Journal: Clinical and Experimental Allergy Year: 2005 | This study considers factors associated with the development of atopic eczema in children, which is outside the guideline scope. |
| 217 | Title: Prenatal factors and occurrence of rhinitis and eczema among offspring Authors: Xu B;Jarvelin MR;Pekkanen J; Journal: Allergy Year: 1999 Aug | This cohort study considers the factors associated with development of allergic disorders in children, rather than trigger factors for exacerbations of eczema in children who already have the condition. |
| 218 | Title: Prevalence of latex allergy in hospital staff in Hong Kong Authors: Leung R;Ho A;Chan J;Choy D;Lai CK; Journal: Clinical and Experimental Allergy Year: 1997 Feb | Epidemiological study in adults in Hong Kong. |
| 219 | Title: Prolonged breast-feeding as prophylaxis for atopic disease Authors: Saarinen UM;Kajosaari M;Backman A;Siimes MA; Journal: Lancet Year: 1979 Jul 28 | This study considers the effects of prolonged breast-feeding on the risk of atopic disease, which is outside the guideline scope. |
| 220 | Title: Provocation with cow's milk and cereals in atopic dermatitis Authors: Hammar H; Journal: Acta Dermato-Venereologica Year: 1977 | Prevalence of positive test results on open food challenges were reported - no diagnostic accuracy data. |
| 221 | Title: Risk factors for atopic dermatitis in infants at high risk of allergy: The PIAMA study Authors: Kerkhof M;Koopman LP;Van Strient RT;Wijga A;Smit HA;Aalberse RC;Neijenst HJ;Brunekreeft B;Postma DS;Gerritsen J; Journal: Clinical and Experimental Allergy Year: 2003 | This study considers factors associated with the development of atopic eczema in children, which is outside the guideline scope. |
| 222 | Title: Sensitization to food and aeroallergens in children with atopic dermatitis seen at the University of Santo Tomas Hospital Allergy Clinic Authors: Vicencio JCA;Gonzalez-Andaya AM; Journal: Santo Tomas Journal of Medicine Year: 2005 | Consider for the epidemiology section. |
| 223 | Title: Short-term effect of partially hydrolyzed formula on the prevention of development of atopic dermatitis in infants at high risk Authors: Han YS;Park HY;Ahn KM;Lee JS;Choi HM;Lee SI; Journal: Journal of Korean Medical Science Year: 2003 Aug | The study considers primary prevention of atopic disease, which is outside the guideline scope. |
| 224 | Title: The influence of childhood infections and vaccination on the development of atopy: A systematic review of the direct epidemiological evidence Authors: Adler UC; Journal: Homeopathy Year: 2005 | The review considers factors affecting the risk of developing atopic disease which is outside the guideline scope. |
| 225 | Title: The natural history of sensitizations to food and aeroallergens in atopic dermatitis: a 4-year follow-Up Authors: Patrizi A;Guerrini V;Ricci G;Neri I;Specchia F;Masi M; Journal: Pediatric Dermatology Year: 2000 Jul | Consider for the epidemiology section of the guideline. |
| 226 | Title: Turnip rape and oilseed rape are new potential food allergens in | Skin prick test and challenge results to turnip rape and oilseed rape were compared, |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| | children with atopic dermatitis Authors: Poikonen S;Puumalainen TJ;Kautiainen H;Burri P;Palosuo T;Reunala T;Turjanmaa K; Journal: Allergy Year: 2006 Jan | but not in the true diagnostic accuracy sense (i.e. sensitivity, specificity, PPV and NPV cannot be calculated from the data reported). |
| 227 | Title: Worldwide variation in prevalence of symptoms of asthma, allergic rhinoconjunctivitis, and atopic eczema: ISAAC. The International Study of Asthma and Allergies in Childhood (ISAAC) Steering Committee.[see comment] Journal: Lancet Year: 1998 Apr 25 | The study included children aged 13-14 years (outside guideline scope). |
| 228 | Title: Prevalence of IgE-mediated food allergy among children with atopic dermatitis Authors: Eigenmann PA;Sicherer SH;Borkowski TA;Cohen BA; Journal: Pediatrics Year: 1998 | Although this study examines the profile/differences in eczema severity in those with a positive or negative DBPCFC test result, and reports the proportion of positive test results on skin prick testing, it is not possible to calculate any diagnostic accuracy |
| 229 | Title: Endogenous antimicrobial peptides and skin infections in atopic dermatitis.[see comment] Authors: Ong PY;Ohtake T;Brandt C;Strickland I;Boguniewicz M;Ganz T;Gallo RL;Leung DY; Journal: New England Journal of Medicine Year: 2002 Oct 10 | The study considers the mechanisms of disease, it does not address the guideline questions regarding identification and management of trigger factors. |
| 230 | Title: Natural course of AEDS Authors: Wuthrich B;Schmid-Grendelmeier P; Journal: Allergy Year: 2002 | Consider for the epidemiology section. |
| 231 | Title: Determinants of total and specific IgE in infants with atopic dermatitis. ETAC Study Group. Early Treatment of the Atopic Child Journal: Pediatric Allergy and Immunology Year: 1997 Nov | The paper considers which environmental factors affect the prevalence of certain allergies. Does not address the guideline questions about identification and management of allergy. Consider for epidemiology section. |
| 232 | Title: Evaluating the relevance of aeroallergen sensitization in atopic eczema with the atopy patch test: a randomized, double-blind multicenter study. Atopy Patch Test Study Group Authors: Darsow U;Vieluf D;Ring J; Journal: Journal of the American Academy of Dermatology Year: 1999 Feb | The population included were adults (aged range 15-63 years). |
| 233 | Title: Extraordinarily high serum IgE levels and consequences for atopic phenotypes Authors: Laske N;Bunikowski R;Niggemann B; Journal: Annals of Allergy, Asthma, and Immunology Year: 2003 Aug | Background information. |
| 234 | Title: Early sensitization to house dust mite is a major risk factor for subsequent development of bronchial asthma in Japanese infants with atopic dermatitis: results of a 4-year followup study Authors: Ohshima Y;Yamada A;Hiraoka M;Katamura K;Ito S;Hirao T;Akutagawa H;Kondo N;Morikawa A;Mayumi M; Journal: Annals of Allergy, Asthma, and Immunology Year: 2002 Sep | An epidemiological study - consider for that section. |
| 235 | Title: The immunopathogenic role of food hypersensitivity in atopic dermatitis. [19 refs] Authors: Sampson HA; Journal: Acta Dermato-Venereologica Year: 1992 | This paper considers the mechanism of food hypersensitivity. The proportion of positive and negative reactions to DBPCFC are quoted, but this is not a study considering the accuracy of any test compared to food challenge. |
| 236 | Title: Atopy patch test reactions are associated with T lymphocyte-mediated allergen-specific immune responses in atopic dermatitis Authors: Wistokat-Wulfing A;Schmidt P;Darsow U;Ring J;Kapp A;Werfel T; Journal: Clinical and Experimental Allergy Year: 1999 Apr | No demographic data are reported in this study therefore it is not clear whether children and/or adults were included. The study considers the mechanism of response to patch testing rather than diagnostic accuracy. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 237 | Title: Atopic dermatitis and aeroallergen contact sensitivity Authors: Adinoff AD;Tellez P;Clark RA; Journal: Journal of Allergy and Clinical Immunology Year: 1988 Apr | Considers whether environmental factors trigger eczema - we have included systematic reviews that have addressed this question therefore lower evidence levels are excluded. |
| 238 | Title: Allergen sensitization through the skin induces systemic allergic responses. [41 refs] Authors: Beck LA;Leung DY; Journal: Journal of Allergy and Clinical Immunology Year: 2000 Nov | Narrative review regarding the mechanism of allergic responses - background information. |
| 239 | Title: Challenge confirmation of late-onset reactions to extensively hydrolyzed formulas in infants with multiple food protein intolerance Authors: Hill DJ;Cameron DJ;Francis DE;Gonzalez-Andaya AM;Hosking CS; Journal: Journal of Allergy and Clinical Immunology Year: 1995 Sep | Diagnostic accuracy data were not reported in this study. |
| 240 | Title: The natural history of intolerance to soy and extensively hydrolyzed formula in infants with multiple food protein intolerance Authors: Hill DJ;Heine RG;Cameron DJ;Francis DE;Bines JE; Journal: Journal of Pediatrics Year: 1999 Jul | A separate report of an study that is excluded. ²³⁹ Only 6 of 18 children had atopic eczema. This report does not address the questions about how to identify or manage food allergy in children. |
| 241 | Title: Natural course of sensitization to food and inhalant allergens during the first 6 years of life Authors: Kulig M;Bergmann R;Klettke U;Wahn V;Tacke U;Wahn U; Journal: Journal of Allergy and Clinical Immunology Year: 1999 Jun | Consider for the epidemiology section. |
| 242 | Title: Predictors of positive food challenge outcome in non-IgE-mediated reactions to food in children with atopic dermatitis Authors: Niggemann B;Reibel S;Roehr CC;Felger D;Ziegert M;Sommerfeld C;Wahn U; Journal: Journal of Allergy and Clinical Immunology Year: 2001 Dec | Unable to calculate diagnostic accuracy data from the data reported. The aim of the study was to compare the rate of positive IgE sensitisation to the rate of positive tests on DBPCFC. |
| 243 | Title: Food hypersensitivity and atopic dermatitis: evaluation of 113 patients Authors: Sampson HA;McCaskill CC; Journal: Journal of Pediatrics Year: 1985 Nov | Skin prick and DBPCFC tests were undertaken in this study but diagnostic accuracy of the test was not considered. |
| 244 | Title: Utility of food-specific IgE concentrations in predicting symptomatic food allergy Authors: Sampson HA; Journal: Journal of Allergy and Clinical Immunology Year: 2001 May | The population in this study had food allergy (61% of whom also had atopic eczema). Specificity and PPV of certain IgE thresholds are considered, but the data are not reported separately for those with atopic eczema. |
| 245 | Title: Serum levels of trace metals in children with atopic eczema Authors: David TJ;Wells FE;Sharpe TC;Gibbs AC;Devlin J; Journal: British Journal of Dermatology Year: 1990 Apr | This study reports the levels of trace elements in children with atopic eczema compared to controls. However it does not explain whether or not any differences identified account for exacerbations of eczema. |
| 246 | Title: New insights into atopic dermatitis. Authors: Leung DY;Boguniewicz M;Howell MD;Nomura I;Hamid QA; Journal: Journal of Clinical Investigation Year: 2004 Mar | Narrative review - used as background information. |
| 247 | Title: Atopic dermatitis. Authors: Leung DY;Bieber T; Journal: Lancet Year: 2003 Jan 11 | Narrative review - used as background information. |
| 248 | Title: Atopic dermatitis: role of food and house dust mite allergens Authors: Casimir GJ;Duchateau J;Gossart B;Cuvelier P;Vandaele F;Vis HL; Journal: Pediatrics Year: 1993 Aug | This study describes 63 children treated with a diet free of cow's milk. IgE levels, antibodies, and IgG against beta-lactoglobulin, soya protein, and house dust mite were compared in the children who did or did not respond to the cow's-milk-free diet. |
| 249 | Title: Effect of allergen avoidance on development of allergic disorders in infancy. Authors: Arshad SH;Matthews S;Gant C;Hide DW; | The study considers primary prevention of allergic disorders which is outside the guideline scope. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| | Journal: Lancet Year: 1992 Jun 20 | |
| 250 | Title: Placebo-controlled trial of house dust mite-impermeable mattress covers: effect on symptoms in early childhood.[see comment] Authors: Koopman LP;van Strien RT;Kerkhof M;Wijga A;Smit HA;de Jongste JC;Gerritsen J;Aalberse RC;Brunekreef B;Neijens HJ;Prevention and Incidence of Asthma and Mite Allergy (PIAMA) Study.; Journal: American Journal of Respiratory and Critical Care Medicine Year: 2002 Aug 1 | The study considers primary prevention, rather than house dust mite avoidance in children with atopic eczema. |
| 251 | Title: A controlled trial of house dust mite eradication using natamycin in homes of patients with atopic dermatitis: effect on clinical status and mite populations.[see comment] Authors: Colloff MJ;Lever RS;McSharry C; Journal: British Journal of Dermatology Year: 1989 Aug | All study participants were aged 12 years or older. |
| 252 | Title: Preventive effect of bedding encasement with microfibre fibers on mite sensitization Authors: Nishioka K;Yasueda H;Saito H; Journal: Journal of Allergy and Clinical Immunology Year: 1998 Jan | No clinical outcomes (only IgE and Der p1 levels). |
| 253 | Title: The development and prediction of atopy in high-risk children: follow-up at age seven years in a prospective randomized study of combined maternal and infant food allergen avoidance Authors: Zeiger RS;Heller S; Journal: Journal of Allergy and Clinical Immunology Year: 1995 Jun | The study considers primary prevention of atopic eczema (i.e. manipulating the diet of pregnant women in order to identify whether this reduces the risk of atopic disease in their children). This is outside the scope of the atopic eczema guideline. |
| 173 | Title: Skin prick testing to food allergens in breast-fed young infants with moderate to severe atopic dermatitis Authors: Rennick GJ;Moore E;Orchard DC; Journal: Australasian Journal of Dermatology Year: 2006 Feb | This study only reported the proportion of positive tests to allergens - it is not a study of diagnostic accuracy. |
| 254 | Title: What Is Meant by a 'Flare' in Atopic Dermatitis? Authors: Langan SM;Thomas KS;Williams HC; Journal: Archives of Dermatology Year: 2006 | This review considered the definition of a flare of atopic eczema. It is relevant to the flare section of the guideline but not to trigger factors. |
| 255 | Title: IgE antibody to sweat in atopic dermatitis Authors: Adachi K;Aoki T; Journal: Acta Dermato-Venereologica Year: 1989 | Study investigated the relationship between IgE and sweat - not relevant to the guideline questions. |
| 256 | Title: Patch test results in schoolchildren. Results from the Information Network of Departments of Dermatology (IVDK) and the German Contact Dermatitis Research Group (DKG)[see comment] Authors: Brasch J;Geier J; Journal: Contact Dermatitis Year: 1997 Dec | Beyond guideline scope- about the spectrum of contact allergens in school children as a basis of prevention and diagnosis of allergic contact dermatitis. |
| 257 | Title: Patch test reactions to mite antigens: a GERDA multicentre study. Groupe d'Etudes et de Recherches en Dermato-Allergie Authors: Castelain M;Birnbau J;Castelain PY;Ducombs G;Grosshans E;Jelen G;Lacroix M;Meynadier J;Mougeolle JM;Lachapelle JM; Journal: Contact Dermatitis Year: 1993 Nov | Study on the test quality of patch tests, and the determinants of which allergens should be used in testing. Not relevant to the guideline questions. The mean age of participants ranged from 22-37 years across four groups. |
| 258 | Title: IgE-mediated cow's milk allergy: skin prick test subtypes and clinical phenotypes using cow's milk hydrolysate infant formulas | The population included in the study was not stated to have atopic eczema. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| | Authors: Copenhaver CC;Schwartz RH;Haltermann JS;Conn KM; Journal: Pediatric Asthma, Allergy and Immunology Year: 2003 | |
| 259 | Title: Atopy patch test reaction to airborne allergens in the diagnosis of atopic dermatitis Authors: Czarnecka-Operacz M;Bator-Wegner M;Silny W; Journal: Acta Dermatovenerologica Croatica Year: 2005 | The age of the population ranged from 6-45 years (mean 19 years). The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |
| 260 | Title: The atopy patch test: an increased rate of reactivity in patients who have an air-exposed pattern of atopic eczema Authors: Darsow U;Vieluf D;Ring J; Journal: British Journal of Dermatology Year: 1996 Aug | The age of the population ranged from 4-77 years (mean 31 years). The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |
| 261 | Title: Dose response study of atopy patch test in children with atopic eczema Authors: Darsow U;Vieluf D;Berg B;Berger J;Busse A;Czech W;Heese A;Heidelbach U;Peters KP;Przybilla B;Richter G;Rueff F;Werfel T;Wistokat-Wulffing A;Ring J; Journal: Pediatric Asthma Allergy and Immunology Year: 1999 | This study reports the proportion of positive results on atopy patch testing, but it is not possible to calculate diagnostic accuracy from the results reported. |
| 262 | Title: The prevalence of positive reactions in the atopy patch test with aeroallergens and food allergens in subjects with atopic eczema: a European multicenter study Authors: Darsow U;Laifaoui J;Kerschenlohr K;Wollenberg A;Przybilla B;Wuthrich B;Borelli S Jr;Giusti F;Seidenari S;Drzimalla K;Simon D;Disch R;Borelli S;Devillers AC;Oranje AP;De RL;Hachem JP;Dangoisse C;Blondeel A;Song M;Breuer K;Wulf A;Werfel T;Roul S;Taieb A;Bolhaar S;Bruijnzeel-Koomen C;Bronnimann M;Braathen LR;Didierlaurent A;Andre C;Ring J; Journal: Allergy Year: 2004 Dec | The age of the population ranged from 1.6-80 years. The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |
| 263 | Title: Allergies and skin testing: a Nairobi experience Authors: De SM; Journal: East African Medical Journal Year: 1994 Jul | No children were included in the study (participants were aged 20-39 years). |
| 264 | Title: Comparison of skin prick test and atopy patch test with dust mite extracts in patients with respiratory symptoms or atopic eczema dermatitis syndrome Authors: Fuiano N;Incorvaia C; Journal: Allergy Year: 2003 Aug | Abstract report only - no methods reported, and only limited demographic data. Only the proportion of positive tests were reported (not diagnostic accuracy). |
| 265 | Title: A new patch test preparation of dust mites for atopic dermatitis Authors: Gaddoni G;Baldassari L;Zucchini A; Journal: Contact Dermatitis Year: 1994 Aug | Evaluation of a new commercial patch test preparation in children and adults (aged 6-42 years) - the proportion of positive test results were reported in the group with atopic eczema compared to a control group without atopic disease. This is not a study |
| 266 | Title: Hypersensitivity to milk and egg white. Skin tests, test results and clinical intolerance Authors: Gavani UD;Hyde JS;Moore BS; Journal: Annals of Allergy Year: 1978 May | This study includes 34 children with asthma, atopic rhinitis diagnosis, including 32% with atopic eczema. This is not a diagnostic accuracy study, and no data were reported separately for children with atopic eczema. |
| 267 | Title: Atopy patch testing in children with asthma and rhinitis symptoms allergic to house dust mite Authors: Guler N;Kirerleri E;Tamay Z;Ones U; Journal: Pediatric Allergy and Immunology Year: 2006 Aug | Study participants were children with asthma and rhinitis symptoms, rather than atopic eczema. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 268 | Title: Allergy testing of children Authors: Halken S;Host A;Daugbjerg PS;Jensen VB;Bindslev-Jensen G; Journal: Ugeskrift for Laeger Year: 2005 | Only the abstract for this paper was in English; the remainder of the paper was in a foreign language. |
| 269 | Title: Scratch and intradermal skin testing: a comparative study in 250 atopic children Authors: Hannaway PJ;Hyde JS; Journal: Annals of Allergy Year: 1970 Sep | None of the children had atopic eczema. |
| 270 | Title: Diagnosis of dermatologic food allergy Authors: Hannuksela M; Journal: Annals of Allergy Year: 1987 Nov | This study compares skin tests results to those of food challenges but the data were not reported in a way that allowed diagnostic accuracy to be calculated. |
| 271 | Title: An evaluation of the diagnostic value of different skin tests with egg in clinically egg-allergic children having atopic dermatitis Authors: Hansen TK;Host A;Bindslev-Jensen C; Journal: Pediatric Allergy and Immunology Year: 2004 Oct | This is a report of a case-control study comparing the results of skin prick, SAFT, and atopy patch testing for egg allergy. The authors quote sensitivity and specificity data but these appear to be the proportion of positive results rather than sensitivity. |
| 272 | Title: The diagnosis and management of egg allergy Authors: Heine RG;Laske N;Hill DJ; Journal: Current Allergy and Asthma Reports Year: 2006 Mar | A narrative on the diagnosis and management of egg allergy - background information. |
| 273 | Title: Clinical manifestations of cows' milk allergy in childhood. II. The diagnostic value of skin tests and RAST Authors: Hill DJ;Duke AM;Hosking CS;Hudson IL; Journal: Clinical Allergy Year: 1988 Sep | Population included was not stated to have atopic eczema. |
| 274 | Title: Combination of patch test and IgE for dust mite antigens differentiates 130 patients with atopic dermatitis into four groups Authors: Imayama S;Hashizume T;Miyahara H;Tanahashi T;Takeishi M;Kubota Y;Koga T;Hori Y;Fukuda H; Journal: Journal of the American Academy of Dermatology Year: 1992 Oct | The mean age of the population was 20.4 years. The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 275 | Title: Allergy skin testing: comparison of conventional and new techniques Authors: James JM;Simons FE; Journal: Canadian Medical Association Journal Year: 1979 Feb 3 | This paper considers the technology behind allergy skin testing in 20 children aged 8-16 years who had asthma, atopic eczema, or rhinitis. Not relevant to the guideline questions. |
| 276 | Title: Evaluation of laboratory tests in childhood allergy. Total serum IgE , blood eosinophilia and eosinophil and mast cells in nasal mucosa of 178 children aged 3 years Authors: Kajosaari M;Saarinen UM; Journal: Allergy Year: 1981 | The population evaluated was healthy newborn infants, not children with atopic eczema. |
| 277 | Title: Time course of total and food specific IgE antibodies(Rast Fx5) in the developing allergic child Authors: Kalach N;Soulaines P;Guerin S;de BD;Dupont C; Journal: Allergie et Immunologie Year: 2005 | The purpose of the study was to analyse the evolution of total and food specific IgE titres in the course of food allergy in children - not relevant to guideline questions. Not a diagnostic accuracy study. |
| 278 | Title: Prick Skin Test Results in Children Less Than Three Years-Old Authors: Karakoc GB;Altintas DU;Yilmaz M;Kendirli SG; Journal: Annals of Medical Sciences Year: 2003 | This study includes children with asthma and rhinitis, including 31% with atopic eczema. However no data were reported separately for children with atopic eczema, and no diagnostic accuracy data. |
| 279 | Title: Differences in skin-prick and patch-test reactivity are related to the heterogeneity of atopic eczema in infants Authors: Kekki OM;Turjanmaa K;Isolauri E; Journal: Allergy Year: 1997 Jul | This study compares the results of skin prick and atopy patch testing to double-blind and placebo food challenges. The data are not reported in a way that allows the diagnostic accuracy of the tests to be calculated. |
| 280 | Title: Evaluation of the utility of atopy patch testing, skin prick testing, and total and specific IgE assays in the diagnosis of cow's milk allergy Authors: Keskin O;Tuncer A;Adalioglu G;Sekere BE;Sackesen C;Kalayci O; Journal: Annals of Allergy, Asthma, and Immunology Year: 2005 May | Participants were not reported to have atopic eczema. |
| 281 | Title: Allergic and irritant patch test reactions and atopic disease Authors: Klas PA;Corey G;Storrs FJ;Chan SC;Hanifin JM; Journal: Contact Dermatitis Year: 1996 Feb | Beyond scope of guideline; the study aimed to examine the relationship between allergic contact dermatitis and atopy in a contact dermatitis clinic population. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 282 | Title: Epicutaneous patch test reactions in atopic dermatitis patients Authors: Kuljanac I;Knezevic E;Cvitanovic H; Journal: Acta Dermatovenerologica Croatica Year: 2005 | The mean age of the study population was 35 years (6-77 years). Only the proportion of positive results to 22 allergens was reported - no diagnostic accuracy data. |
| 283 | Title: Evaluation of patch test with dimethylsulfoxide in association with lymphocyte proliferation in food-sensitive atopic dermatitis Authors: Kuwabara N;Kondo N;Fukutomi O;Agata H;Oarii T; Journal: Pediatric Asthma Allergy and Immunology Year: 1993 | The study considered the evaluation of patch tests with dimethylsulfoxide in association with lymphocyte proliferation responses - not relevant to the guideline questions. |
| 284 | Title: Studies of atopic patch tests Authors: Langeland T;Braathen LB;Borch M; Journal: Acta Dermato-Venereologica Year: 1989 | The mean age of the population was 26 years. The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |
| 285 | Title: Clinical application of histamine prick test for food challenge in atopic dermatitis Authors: Lee S;Noh GW;Lee KY; Journal: Journal of Korean Medical Science Year: 2001 Jun | The age of the population ranged from 11-31 years. The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |
| 286 | Title: Specific problems of allergy diagnosis in children Authors: Leupold W;Hirsch T; Journal: Allergologie Year: 1997 | Only the abstract of the paper was in English. The remainder of the paper was in a foreign language. |
| 287 | Title: North American Contact Dermatitis Group patch-test results, 1998 to 2000 Authors: Marks Jr JG;Belsito DV;DeLeo VA;Fowler Jr JF;Fransway AF;Maibach HI;Mathias CGT;Pratt MD;Rietschel RL;Sherertz EF;Storrs FJ;Taylor JS; Journal: American Journal of Contact Dermatitis Year: 2003 | This paper reports the proportion of positive results (contact dermatitis) to specific allergens. This does not address the guideline questions. |
| 288 | Title: Patch test response to house dust mites is positive in children with atopic dermatitis and in their parents. [33 refs] Authors: Meglio P;Milita O;Businco L; Journal: Journal of Investigational Allergology and Clinical Immunology Year: 1996 May | This study does not include diagnostic accuracy data for the patch test in children with atopic eczema. |

| Reference ID | Bibliographic Information | Reason for rejecting |
|--------------|---|---|
| 289 | Title: The use of two multitest fx5 and fx10 in the diagnosis of food allergy in children: Regarding 42 cases Authors: Moneret-Vautrin DA;Fremont S;Kanny G;Dejardin G;Hatahet R;Nicolas JP; Journal: Allergie et Immunologie Year: 1995 | This study includes children with asthma,urticaria and angioedema, digestive symptoms, anaphylactic shock, 'oral syndrome', including 41% with atopic eczema. However no data were reported separately for children with atopic eczema. |
| 290 | Title: Patch testing in infants Authors: Motolese A;Manzini BM;Donini M; Journal: American Journal of Contact Dermatitis Year: 1995 | Beyond scope of guideline - the study aimed to evaluate the frequency of contact sensitisation in infancy. |
| 291 | Title: Skin prick tests and in vitro immunoassays with native spices and spice extracts Authors: Niinimaki A;Hannuksela M;Makinen-Kiljunen S; Journal: Annals of Allergy, Asthma, and Immunology Year: 1995 Sep | This study reported the prevalence of positive skin prick tests and in-vitro immunoassays to native spices and spice extracts. No diagnostic accuracy data therefore this is not relevant to the guideline questions. |
| 292 | Title: Food-induced contact urticaria syndrome (CUS) in atopic dermatitis: reproducibility of repeated and duplicate testing with a skin provocation test, the skin application food test (SAFT) Authors: Oranje AP;Van GD;Mulder PG;Dieges PH; Journal: Contact Dermatitis Year: 1994 Nov | The purpose of the study was to determine whether contact urticaria syndrome could be provoked. Not relevant to this guideline. |
| 293 | Title: The diagnostic accuracy of the atopy patch test in diagnosing hypersensitivity to cow's milk and hen's egg in unselected children with and without atopic dermatitis Authors: Osterballe M;Andersen KE;Bindslev-Jensen C; Journal: Journal of the American Academy of Dermatology Year: 2004 Oct | Only 12% of the children included in this study had atopic eczema. |
| 294 | Title: Results of patch testing in children Authors: Pambor M;Kruger G;Winkler S; Journal: Contact Dermatitis Year: 1992 Nov | This paper reports the proportion of positive and negative patch test results to 11 irritants in children with atopic eczema compared to those without atopic disease. This is not a diagnostic accuracy study. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 295 | Title: Mite patch testing in atopic eczema: a search for correct concentration Authors: Pigatto PD;Bigardi AS;Valsecchi RH;Di LA; Journal: Australasian Journal of Dermatology Year: 1997 Nov | This study compares the rate of positive tests when different concentrations of house dust mite antigen were used for patch testing. No diagnostic accuracy data. |
| 296 | Title: Different role of secretory IgA in the pathogenesis of RAST-positive and RAST-negative atopic dermatitis Authors: Plebani A;Monafo V;Cespa M;Giannetti A;Ugazio AG; Journal: Clinical Allergy Year: 1982 Jul | The study looked at the role of IgA in the pathogenesis of RAST positive and RAST negative atopic eczema. Not relevant to the guideline questions. |
| 297 | Title: Basophil histamine release in children with adverse reactions to cow milk. Comparison with RAST and skin prick test Authors: Prah P;Krasilnikof F;Stahl SP;Norn S; Journal: Allergy Year: 1988 Aug | Children studied not stated to have atopic eczema. |
| 298 | Title: Diagnostic value of skin and laboratory tests in cow's milk allergy/intolerance Authors: Rasanen L;Lehto M;Reunala T; Journal: Clinical and Experimental Allergy Year: 1992 Mar | The study described reactions to different in vivo/in vitro tests (basophil histamine release tests and lymphocyte proliferation tests) for determination of cow's milk allergy. The tests were not compared to a gold standard, therefore no diagnostic accurac |
| 299 | Title: Role of the skin patch test in diagnosing food allergy in children with atopic dermatitis Authors: Rokaite R;Labanauskas L;Vaideliene L; Journal: Medicina (Kaunas, Lithuania) Year: 2004 | Abstract written in English. The remainder of the paper was in a foreign language. |
| 300 | Title: Usefulness of the European standard series for patch testing in children. A 3-year single-centre study of 337 patients Authors: Roul S;Ducombs G;Taieb A; Journal: Contact Dermatitis Year: 1999 May | This paper reports the prevalence of contact dermatitis in children tested to 34 allergens. Overall 76% had atopic eczema at baseline. The data are not relevant to the guideline scope. |
| 301 | Title: Patch testing in children Authors: Rudzki E;Grzywa Z;Rebandel P; Journal: Contact Dermatitis Year: 1987 Aug | This paper reports the findings of patch testing in vague terms in children attending a dermatology clinic. The proportion with atopic eczema was not stated, and the methods of testing were not reported in detail - only the proportion of positive results |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 302 | Title: RAST and PRIST in children with atopic dermatitis Authors: Rudzki E;Litewska D; Journal: Dermatologica Year: 1990 | Although children with atopic eczema are included, the study also includes those with allergic respiratory disease. Data were not reported separately for those with atopic eczema. |
| 303 | Title: Patch test reactions to the acetone-soluble fraction of human dander in atopic dermatitis Authors: Sasaki K;Sugiura H;Uehara M; Journal: Dermatology Year: 1994 | Study aimed to clarify whether or not ether- or acetone-soluble fraction of human dander had antigenicity for immediate-type or delayed-type skin reactions. Not relevant to the guideline questions. |
| 304 | Title: Patch testing with pollens of Gramineae in patients with atopic dermatitis and mucosal atopy Authors: Seidenari S;Manzini BM;Danese P; Journal: Contact Dermatitis Year: 1992 Aug | Editorial - used as background information. |
| 305 | Title: Positive patch tests to whole mite culture and purified mite extracts in patients with atopic dermatitis, asthma, and rhinitis Authors: Seidenari S;Manzini BM;Danese P;Giannetti A; Journal: Annals of Allergy Year: 1992 Sep | This study reports the prevalence of positive patch tests to house dust mite - no diagnostic accuracy data were reported. |
| 306 | Title: Frequency and intensity of responses to mite patch tests are lower in nonatopic subjects with respect to patients with atopic dermatitis Authors: Seidenari S;Giusti F;Pellacani G;Bertoni L; Journal: Allergy Year: 2003 May | This study assesses the frequency and intensity of responses to house dust mite on atopy patch tests - not the diagnostic accuracy of the test. |
| 307 | Title: Patch testing in children and adolescents: five years' experience and follow-up Authors: Shah M;Lewis FM;Gawkrodger DJ; Journal: Journal of the American Academy of Dermatology Year: 1997 Dec | The report documents the authors' patch test results over 5 years - not a diagnostic accuracy study. |
| 308 | Title: Skin test reactivity to histamine from infancy to old age Authors: Skassa-Brociek W;Manderscheid JC;Michel FB;Bousquet J; Journal: Journal of Allergy and Clinical Immunology Year: 1987 Nov | None of the participants had skin disease. |
| 309 | Title: Skin tests and atopic allergy in children Authors: Smith JM; Journal: Clinical Allergy Year: 1973 Sep | This study includes children with asthma and atopic disease. The proportion with atopic eczema was not stated, and no data were reported separately for this group. |
| 310 | Title: Patch testing in children Authors: Stables GI;Forsyth A;Lever RS; Journal: Contact Dermatitis Year: 1996 May | This study considers the prevalence of contact dermatitis in children with non-atopic localised dermatitis, juvenile plantar dermatosis, orofacial granulomatosis, vaccination reaction, atypical psoriasis, and atopic eczema. This is not relevant to the gu |
| 311 | Title: Study on specific immunotherapy with the aid of 3M Diagnostic Systems' tests Authors: Stasiak-Barmuta A;Dabrowska I;Piotrowska T;Hofman J; Journal: Pneumonologia i Alergologia Polska Year: 1992 | The population included has a variety of atopic conditions - the minority had atopic eczema. Also, no diagnostic accuracy data were reported. |
| 312 | Title: Correlation of the modified scratch test with the radioallergosorbent test (RAST) in atopic children Authors: Sumpaco M;Kuno-Sakai H;Asano M;Takakura I;Kimura M; Journal: Tokai Journal of Experimental and Clinical Medicine Year: 1985 Apr | This study includes children with bronchial asthma, allergic rhinitis, and atopic eczema. However no data were reported separately for children with atopic eczema. |
| 313 | Title: The predictive value of screening tests for food allergy in infants with atopic dermatitis Authors: Taieb A;Debons M;Maleville J; Journal: Acta Dermato-Venereologica Year: 1992 | Abstract publication - insufficient detail to provide any useful data. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 314 | Title: Evaluation of RAST in atopic dermatitis Authors: Takahashi I;Akiyama T;Yamaura H;Sasaoka K;Anan S; Journal: Journal of Dermatology Year: 1977 Dec | This study includes children with asthma and/or allergic rhinitis, including 81% with atopic eczema. However no data were reported separately for children with atopic eczema, and no diagnostic accuracy data. |
| 315 | Title: Immunohistochemical studies on dust mite antigen in positive reaction site of patch test Authors: Tanaka Y;Tanaka M;Anan S;Yoshida H; Journal: Acta Dermato-Venereologica Year: 1989 | The age of the population ranged from 2-25 years. The proportion of children aged less than 12 years was not stated, and no data were reported separately for this group. |
| 316 | Title: 'Atopy patch tests' in the diagnosis of delayed food hypersensitivity Authors: Turjanmaa K; Journal: Allergie et Immunologie Year: 2002 | Narrative review - used as background information. |
| 317 | Title: Pustular patch test reactions in atopic dermatitis Authors: Uehara M;Takahashi C;Ofuji S; Journal: Archives of Dermatology Year: 1975 Sep | An article on pustular patch test reactions in atopic eczema - not a clinical trial. |
| 318 | Title: Patch test reactions to human dander in atopic dermatitis Authors: Uehara M;Ofuji S; Journal: Archives of Dermatology Year: 1976 Jul | The population used as control group was inappropriate (it was adults with contact dermatitis). |
| 319 | Title: Skin test reactivity and clinical allergen sensitivity in infancy Authors: van Asperen PP;Kemp AS;Mellis CM; Journal: Journal of Allergy and Clinical Immunology Year: 1984 Mar | Infants included in the study were not stated to have atopic eczema. |
| 320 | Title: The utility of patch testing children with atopic dermatitis. [30 refs] Authors: Vender RB; Journal: Skin Therapy Letter Year: 2002 Jun | Narrative review - used as background information. |
| 321 | Title: Food allergy in atopic dermatitis. Diagnosis of food sensitivity using patch tests Authors: Walsh WE; Journal: Minnesota Medicine Year: 1975 Apr | Case reports of experience with food patch tests followed by challenge tests in patients with AE. |
| 322 | Title: Effect of mattress encasings on atopic dermatitis outcome measures in a double-blind, placebo-controlled study: the Dutch mite avoidance study Authors: Oosting AJ; Journal: The Journal of allergy and clinical immunology Year: 2002 Sep | The age of the population ranged from 8 to 50 years. The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |
| 323 | Title: Maternal dietary antigen avoidance during pregnancy or lactation, or both, for preventing or treating atopic disease in the child Authors: Kramer MS; Journal: Cochrane Database of Systematic Reviews Year: 2007 | A review - contains one relevant paper already included |
| 324 | Title: A new model for low-dose food challenge in children with allergy to milk or egg Authors: Devenney I; Journal: Acta Paediatrica Year: 2006 Sep | Not a diagnostic accuracy study. |
| 157 | Title: Epidemiology of atopy in 220 children. Diagnostic reliability of skin prick tests and total and specific IgE levels Authors: Cantani A;Micera M; Journal: Minerva Pediatrica Year: 138 | Epidemiological study. The population had asthma (46%), atopic eczema (40%), or rhinitis (14%). No complete data were reported for those with atopic eczema. |
| 222 | Title: Sensitization to food and aeroallergens in children with atopic dermatitis seen at the University of Santo Tomas Hospital Allergy Clinic Authors: Vicencio JCA;Gonzalez-Andaya AM; Journal: Santo Tomas Journal of Medicine Year: 2005 | This study reports the proportion of positive test results on skin prick testing but does not consider the diagnostic accuracy of the test. |
| 325 | Title: Status of children with cow's milk allergy in infancy by 10 years of age Authors: Tikkanen S;Kokkonen J;Juntti H;Niinimaki A; Journal: Acta Paediatrica Year: 2000 Oct | Population evaluated not stated to have atopic eczema. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 326 | Title: The effect of hydrolyzed cow's milk formula for allergy prevention in the first year of life: the German Infant Nutritional Intervention Study, a randomized double-blind trial.[see comment] Authors: von BA;Koletzko S;Grubl A;Filipiak-Pittroff B;Wichmann HE;Bauer CP;Reinhardt D;Berdel D;German Infant Nutritional Intervention Study Group.; Journal: Journal of Allergy and Clinical Immunology Year: 2003 Mar | The study considers the prevention of atopy, which is outside the guideline scope. |
| 327 | Title: Food immediate-contact hypersensitivity (FICH) and elimination diet in young children with atopic dermatitis. Preliminary results in 107 children Authors: Oranje AP;Aarsen RS;Mulder PG;van Toorenenbergen AW;Liefwaard G;Dieges PH; Journal: Acta Dermato-Venereologica Year: 1992 | The study compared the results of SAFT and IgE tests, but in terms of correlation rather than diagnostic accuracy. |
| 328 | Title: Standardization of double-blind, placebo-controlled food challenges Authors: Bindeslev-Jensen C; Journal: Allergy Year: 2001 | Narrative review – used as background information. |
| 329 | Title: Food allergy challenges: guidelines and implications Authors: Leinhas JL;McCaskill CC;Sampson HA; Journal: Journal of the American Dietetic Association Year: 1987 May | Narrative review/ general discussion paper - background information. |
| 330 | Title: Probiotics and eczema prevention: a randomized study Journal: Nutrition and the M D Year: 2004 | This publication is a brief report of an RCT evaluating the use of probiotics for eczema (not the primary publication). |
| 331 | Title: Potential efficacy of low metal diets and dental metal elimination in the management of atopic dermatitis: An open clinical study Authors: Adachi A;Horikawa T;Takashima T;Komura T;Komura A;Tani M;Ichihashi M; Journal: Journal of Dermatology Year: 1997 | The age of the population ranged from 9-40 years (mean 22.8 years). The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |
| 332 | Title: Oral allergy syndrome (OAS): symptoms of IgE-mediated hypersensitivity to foods Authors: Amlot PL;Kemeny DM;Zachary C;Parkes P;Lessof MH; Journal: Clinical Allergy Year: 1987 Jan | The age of the population ranged from 2-41 years (mean age 20 years). No data were reported separately for the children aged under 12 years. |
| 333 | Title: Food allergy in children: diagnosis and treatment with sodium cromoglycate. [38 refs] Authors: Businco L;Cantani A; Journal: Allergologia et Immunopathologia Year: 1990 Nov | Narrative article - not a trial. |
| 334 | Title: Egg and cows' milk hypersensitivity in exclusively breast fed infants with eczema, and detection of egg protein in breast milk Authors: Cant A;Marsden RA;Kilshaw PJ; Journal: British Medical Journal Year: 1985 Oct 5 | This paper generates a hypothesis that changing the mothers diet affects the child's eczema, which was tested in a later RCT. The data in the paper are not relevant to the identification or management of trigger factors. |
| 335 | Title: Serum immunoglobulin E concentrations and radioallergosorbent tests in children with atopic dermatitis Authors: Church JA;Kleban DG;Bellanti JA; Journal: Pediatric Research Year: 1976 Feb | This study includes children with allergic rhinitis, asthma, and atopic eczema. However no data were reported separately for children with atopic eczema. |
| 336 | Title: Egg white-specific IgE level as a tolerance marker in the follow up of egg allergy Authors: Crespo JF;Pascual C;Ferrer A;Burks AW;az Pena JM;Martin EM; Journal: Allergy Proceedings Year: 1994 Mar | Population evaluated did not have atopic eczema. Background information. |
| 337 | Title: Identification of casein as the major allergenic and antigenic protein of cow's milk Authors: Docena GH;Fernandez R;Chirido FG;Fossati CA; Journal: Allergy Year: 1996 | Participants evaluated not reported to have atopic eczema. |
| 338 | Title: Diagnosis of IgE-mediated food allergy among Swiss children with atopic dermatitis Authors: Eigenmann PA;Calza AM; Journal: Pediatric Allergy and Immunology Year: 2000 May | No diagnostic accuracy data for tests. |
| 339 | Title: Are specific immunoglobulin E titres reliable for prediction of food | Narrative review - used as background information. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 340 | allergy?[comment][erratum appears in Clin Exp Allergy. 2005 Jul;35(7):979] Authors: Eigenmann PA; Journal: Clinical and Experimental Allergy Year: 2005 Mar Title: Diagnostic value of IgG4 measurements in patients with food allergy Authors: el RA;Peters SM;Harris N;Bellanti JA; Journal: Annals of Allergy Year: 1989 Feb | Purpose of the study was to evaluate the pathogenic role of IgG4 antibody in patients with food allergy and determination of its biological function. Not relevant to the guideline questions. Consider for epidemiology section. |
| 341 | Title: Food hypersensitivity in two groups of children and young adults with atopic dermatitis evaluated a decade apart Authors: Ellman LK;Chatchatee P;Sicherer SH;Sampson HA; Journal: Pediatric Allergy and Immunology Year: 2002 Aug | |
| 342 | Title: Food allergens as causative factors of respiratory, skin and gastrointestinal allergy confirmed by skin prick test and specific IgE and IgG4 FAST in children Authors: Hofman T;Hanasz-Jarzynska T; Journal: Pneumonologia i Alergologia Polska Year: 1992 | This study includes children with allergic rhinitis, bronchial asthma, urticaria, angio-oedema, and atopic eczema. However no data were reported separately for children with atopic eczema. |
| 343 | Title: Whey and casein specific IgE and the cow's milk challenge test for atopic children Authors: Lin HY;Shyur SD;Fu JL;Lai YC; Journal: Chung-Hua Min Kuo Hsiao Erh Ko i Hsueh Hui Tsa Chih Year: 1998 Mar | This study includes children with suspected milk allergy, and asthma and/or allergic rhinitis, including 3.3% (n=1) with atopic eczema. No data were reported separately for the child with atopic eczema. |
| 344 | Title: Value of the RAST Fx5 in atopic eczema and food allergies in the child Authors: Moisan V;Bremont F;Abbal M;Dutau G; Journal: Revue Francaise d Allergologie et d Immunologie Clinique Year: 1990 | Only the abstract was in English; the remainder of the study was written in a foreign language. |
| 345 | Title: Sensitization to hen's egg at the age of twelve months is predictive for allergic sensitization to common indoor and outdoor allergens at the age of three years Authors: Nickel R;Kulig M;Forster J;Bergmann R;Bauer CP;Lau S;Guggenmoos-Holzmann I;Wahn U; Journal: Journal of Allergy and Clinical Immunology Year: 1997 May | Narrative review - used as background information. |
| 346 | Title: Immediate contact reactions to cow's milk and egg in atopic children Authors: Oranje AP;Arsen RS;Mulder PG;Liefwaard G; Journal: Acta Dermato-Venereologica Year: 1991 | This study includes children with asthma, gastrointestinal problems and atopic eczema. However no data were reported separately for children with atopic eczema. |
| 347 | Title: The role of cow milk allergy in increasing the severity of atopic dermatitis Authors: Pourpak Z;Farhoudi A;Mahmoudi M;Movahedi M;Ghargozlou M;Kazemnejad A;Eslamnoor B; Journal: Immunological Investigations Year: 2004 Feb | This study does not evaluate the diagnostic accuracy of testing for cow's milk allergy. |
| 348 | Title: Labial food challenge in children with food allergy.[see comment] Authors: Rance F;Dutau G; Journal: Pediatric Allergy and Immunology Year: 1997 Feb | This study includes children with asthma, angio-oedema, anaphylaxis, rhinoconjunctivitis and atopic eczema. However no data were reported separately for children with atopic eczema. |
| 349 | Title: Food hypersensitivity in children: clinical aspects and distribution of allergens Authors: Rance F;Kanny G;Dutau G;Moneret-Vautrin DA; Journal: Pediatric Allergy and Immunology Year: 1999 Feb | This study includes children with asthma, angioedema, urticaria, anaphylaxis and atopic eczema. No data were reported separately for those with atopic eczema. |
| 350 | Title: Use of prick-tests in the screening of immediate allergy to protein: 16 cases Authors: Rance F;Brondeau V;Abbal M; Journal: Allergie et Immunologie Year: 2002 Mar | No diagnostic accuracy data. |
| 351 | Title: Food allergy and non-allergic food hypersensitivity in children and adolescents Authors: Roehr CC;Edenharter G;Reimann S;Ehlers I;Worm M;Zuberbier T;Niggemann B; Journal: Clinical and Experimental Allergy Year: 2004 Oct | Participants were not reported to have atopic eczema. |
| 352 | Title: Does food allergy cause atopic dermatitis? Food challenge | This study did not evaluate the diagnostic accuracy of different tests. |

| Reference ID | Bibliographic Information | Reason for rejecting |
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| 353 | testing to dissociate eczematous from immediate reactions Authors: Rowlands D;Tofte SJ;Hanifin JM; Journal: Dermatologic Therapy Year: 2006 Title: Increased plasma histamine concentrations after food challenges in children with atopic dermatitis Authors: Sampson HA;Jolie PL; Journal: New England Journal of Medicine Year: 1984 Aug 9 | This study investigated whether cutaneous symptoms induced by foods correlated with the release of mast-cell mediators (increasing histamine concentrations), that is it considers the mechanism of cutaneous reactions rather than comparing a test with a tes |
| 354 | Title: Immediate hypersensitivity reactions to foods: blinded food challenges in children with atopic dermatitis Authors: Sampson HA; Journal: Annals of Allergy Year: 1986 Sep | This study reports the proportion of positive results to skin prick and food challenge testing but the insufficient data are presented to calculate diagnostic accuracy of the skin prick test. |
| 355 | Title: Dose-response in double-blind, placebo-controlled oral food challenges in children with atopic dermatitis Authors: Sicherer SH;Morrow EH;Sampson HA; Journal: The Journal of allergy and clinical immunology Year: 2000 Mar | This study considered the quantity of food needed to elicit reactions during a placebo-controlled double-blind food challenge - but does not consider how using different quantities of foods affects diagnostic accuracy. |
| 356 | Title: Probiotics in the treatment and prevention of food allergy - Systematic review Authors: Szajewska H;Mrokowicz JZ; Journal: Pediatria Wspolczesna Year: 2002 | Abstract in English, but the remainder of the paper was only published in a foreign language. |
| 357 | Title: Extensively and partially hydrolysed preterm formulas in the prevention of allergic diseases in preterm infants: a randomized, double-blind trial Authors: Szajewska H;Mrukowicz JZ;Stoinska B;Prochowska A; Journal: Acta Paediatrica Year: 2004 Sep | The study considers primary prevention of atopic eczema which is outside the guideline scope. |
| 358 | Title: The effect of hypoallergenic formula on the occurrence of allergic diseases in high risk infants Authors: Tsai YT;Chou CC;Hsieh KH; Journal: Chung-Hua Min Kuo Hsiao Erh Ko i Hsueh Hui Tsa Chih Year: 1991 May | The study considers primary prevention of atopic eczema which is outside the guideline scope. |
| 359 | Title: Dermatitis induced or aggravated by selected foodstuffs Authors: Veien NK;Hattel T;Justesen O;Norholm A; Journal: Acta Dermato-Venereologica Year: 1987 | The mean age of the population was 32 years. The proportion of children aged less than 12 years was not stated, and no data were reported separately for this group. |
| 360 | Title: Correlation between age and allergens in pediatric atopic dermatitis Authors: Wang IJ;Lin YT;Yang YH;Chen CL;Tsai YH;Chiang BL;Hwang KC; Journal: Annals of Allergy, Asthma, and Immunology Year: 2004 Oct | This study includes children with asthma, allergic rhinitis, and 55% with atopic eczema. However no data were reported separately for children with atopic eczema. |
| 361 | Title: Hypoallergenic cupcake is a useful product for wheat-sensitive allergic patients Authors: Yamamoto A;Tanabe S;Kojima T;Sasai M;Hatano Y;Watanabe M;Kobayashi Y;Taniuchi S; Journal: Journal of Applied Research Year: 2004 | A small pilot study evaluating the number of positive IgE results to a hypoallergenic cupcake in children allergic to wheat. Not a diagnostic accuracy study. |
| 362 | Title: Acute allergic reactions in children with AEDS after prolonged cow's milk elimination diets Authors: Flinterman AE; Journal: Allergy Year: 2006 Mar | About effects of exclusion diet and not specific to triggers for eczema |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 224 | Authors: Adler UC;. Title: The influence of childhood infections and vaccination on the development of atopy: A systematic review of the direct epidemiological evidence. Journal Name: Homeopathy 2005 Jul. Year: | looking at incidence of AE. Beyond interest of scope. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 188 | Authors: Alfven T;Braun-Fahrlander C;Brunekreef B;von ME;Riedler J;Scheynius A;van HM;Wickman M;Benz MR;Budde J;Michels KB;Schram D;Ublagger E;Waser M;Perschagen G;. Title: Allergic diseases and atopic sensitization in children related to farming and anthroposophic lifestyle - The PARSIFAL study. Journal Name: Allergy. Year: 2006 | Not relevant. Compared the prevalence of allergic disease and sensitization in between farm kids |
| 211 | Authors: Almqvist C;Egmar AC;van Hage-Hamsten M;Berglind N;Perschagen G;Nordvall SL;Svartengren M;Hedlin G;Wickman M;. Title: Heredity, pet ownership, and confounding control in a population-based birth cohort. Journal Name: Journal of Allergy and Clinical Immunology. Year: 2003 Apr | Looking at prevalence of pet exposure associated with family history , SES and smoking. |
| 210 | Authors: Angioni AM;Fanciulli G;Corchia C;. Title: Frequency of and risk factors for allergy in primary school children: results of a population survey. Journal Name: Paediatric and Perinatal Epidemiology. Year: 1989 Jul | small sampling frame 41 out of 238 inadequate information on study methodology. |
| 363 | Authors: Arshad SH;Stevens M;Hide DW;. Title: The effect of genetic and environmental factors on the prevalence of allergic disorders at the age of two years. Journal Name: Clinical and Experimental Allergy. Year: 1993 Jun | Outcomes fo interest were asthma and rhinitis, not eczema |
| 364 | Authors: Atherton DJ;Sewell M;Soothill JF;Wells RS;Chilvers CE;. Title: A double-blind controlled crossover trial of an antigen-avoidance diet in atopic eczema. Journal Name: Lancet. Year: 1978 Feb 25 | More appropriate for question 4. |
| 365 | Authors: Baehler P;Chad Z;Gurbindo C;Bonin AP;Bouthillier L;Seidman EG;. Title: Distinct patterns of cow's milk allergy in infancy defined by prolonged, two-stage double-blind, placebo-controlled food challenges.[see comment]. Journal Name: Clinical and Experimental Allergy. Year: 1996 Mar | about manifestations of cow's milk allegy |
| 366 | Authors: Beck HI;Hagdrup HK;. Title: Atopic dermatitis, house dust mite allergy and month of birth. Journal Name: Acta Dermato-Venereologica. Year: 1987 | Participants included in study also hadf bronchial asthma. Study was retrospective |
| 367 | Authors: Benn CS;Melbye M;Wohlfahrt J;Bjorksten B;Aaby P;. Title: Cohort study of sibling effect, infectious diseases, and risk of atopic dermatitis during first 18 months of life. Journal Name: British Medical Journal. Year: 2004 | not relevant. How infectious disease affects development of eczema |
| 368 | Authors: Bergmann RL;Diepgen TL;Kuss O;Bergmann KE;Kujat J;Dudenhausen JW;Wahn U;. Title: Breastfeeding duration is a risk factor for atopic eczema. Journal Name: Clinical and Experimental Allergy. Year: 2002 | About duration of breast feeding and it's influence on risk of Atopic eczema. |
| 369 | Authors: Bohme M;Wickman M;Lennart NS;Svartengren M;Wahlgren CF;. Title: Family history and risk of atopic dermatitis in children up to 4 years. Journal Name: Clinical and Experimental Allergy. Year: 2003 Sep | Not relevant to the guideline question on epidemiology. |
| 198 | Authors: Bolte G;Bischof W;Borte M;Lehmann I;Wichmann HE;Heinrich J;LISA Study Group.:. Title: Early endotoxin exposure and atopy development in infants: results of a birth cohort study. Journal Name: Clinical and Experimental | about effect of early endotoxin exposure and atopy development in infants- not relevant. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| | Allergy. Year: 2003 Jun | |
| 370 | Authors: Breuer K;Heratizadeh A;Wulf A;Baumann U;Constien A;Tetau D;Kapp A;Werfel T;. Title: Late eczematous reactions to food in children with atopic dermatitis. Journal Name: Clinical and Experimental Allergy. Year: 2004 May | More appropriate for Question 4 |
| 203 | Authors: Burr ML;Miskelly FG;Butland BK;Merrett TG;Vaughan-Williams E;. Title: Environmental factors and symptoms in infants at high risk of allergy.[see comment]. Journal Name: Journal of Epidemiology and Community Health. Year: 1989 Jun | Paper did not look at eczema |
| 159 | Authors: Cudowska B;Kaczmarek M;. Title: Atopy patch test in the diagnosis of food allergy in children with atopic eczema dermatitis syndrome. Journal Name: Roczniki Akademii Medycznej W Bialymstoku. Year: 2005 | Looking at the atopy patch test in diagnosis of food allergy. |
| 197 | Authors: De MG;Janssen NAH;Brunekreef B;. Title: Early childhood environment related to microbial exposure and the occurrence of atopic disease at school age. Journal Name: Allergy. Year: 2005 | Not applicable to guideline scope. About incidence of Atopic eczema |
| 371 | Authors: Devlin J;David TJ;Stanton RH;. Title: Elemental diet for refractory atopic eczema. Journal Name: Archives of Disease in Childhood. Year: 1991 Jan | about treatment of refractory Atopic eczema |
| 202 | Authors: Dunlop AL;Reichrtova E;Palcovicova L;Ciznar P;mcakova-Dodd A;Smith SJ;McNabb SJN;. Title: Environmental and dietary risk factors for infantile atopic eczema among a Slovak birth cohort. Journal Name: Pediatric Allergy and Immunology. Year: 2006 | focus of study is Asthma prevention |
| 372 | Authors: Ehlers I;Worm M;Stery W;Zuberbier T;. Title: Sugar is not an aggravating factor in atopic dermatitis. Journal Name: Acta Dermato-Venereologica. Year: 2001 Aug | small sampling frame-9 children study looked to determine if sugar was an aggravating factor of eczema. |
| 373 | Authors: Fergusson DM;Crane J;Beasley R;Horwood LJ;. Title: Perinatal factors and atopic disease in childhood.[see comment]. Journal Name: Clinical and Experimental Allergy. Year: 1997 Dec | inadequate definition of outcome, huge selection and misclassification bias. |
| 374 | Authors: Fergusson DM;Horwood LJ;. Title: Parental smoking and respiratory illness during early childhood: a six-year longitudinal study. Journal Name: Pediatric Pulmonology. Year: 1985 Mar | association between parental smoking and lower respiratory illness |
| 375 | Authors: Fergusson DM;Horwood LJ;Shannon FT;. Title: Risk factors in childhood eczema. Journal Name: Journal of Epidemiology and Community Health. Year: 1982 Jun | Looking at risks of atopic eczema in childhood. |
| 161 | Authors: Fergusson DM;Horwood LJ;Shannon FT;. Title: Early solid feeding and recurrent childhood eczema: a 10-year longitudinal study. Journal Name: Pediatrics. Year: 1990 Oct | Consider for epidemiology. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|--|
| 192 | Authors: Friday GA;Smith J;. Title: Breast-feeding and atopic dermatitis. Journal Name: Pediatric Asthma Allergy and Immunology. Year: 2000 | retrospective study |
| 376 | Authors: Graif Y;Garty B;Livne I;Green MS;Shohat T;. Title: Prevalence and risk factors for allergic rhinitis and atopic eczema among schoolchildren in Israel: Results from a national study. Journal Name: Annals of Allergy, Asthma, and Immunology. Year: 2004 | Beyond age bracket |
| 216 | Authors: Hagendorens MM;Bridts CH;Lauwers K;Van NS;Ebo DG;Vellinga A;De Clerck LS;Van Bever HP;Weyler JJ;Stevens WJ;. Title: Perinatal risk factors for sensitization, atopic dermatitis and wheezing during the first year of life (PIPO study). Journal Name: Clinical and Experimental Allergy. Year: 2005 | looking at causal associations of eczema and not its trigger factors. |
| 377 | Authors: Haileamlak A;Dagoye D;Williams H;Venn AJ;Hubbard R;Britton J;Lewis SA;. Title: Early life risk factors for atopic dermatitis in Ethiopian children. Journal Name: Journal of Allergy and Clinical Immunology. Year: 2005 Feb | External generalisability not applicable to the UK.- in Ethiopian children |
| 164 | Authors: Halcken S;. Title: Prevention of allergic disease in childhood: Clinical and epidemiological aspects of primary and secondary allergy prevention. Journal Name: Pediatric Allergy and Immunology, Supplement. Year: 2004 | Not a study-just a report on Clinical and epidemiological aspects of primary and secondary allergy prevention. |
| 165 | Authors: Harris JM;Cullinan P;Williams HC;Mills P;Moffat S;White C;Newman Taylor AJ;. Title: Environmental associations with eczema in early life. Journal Name: British Journal of Dermatology. Year: 2001 Apr | Consider for epidemiology |
| 378 | Authors: Harving H;Korsgaard J;Dahl R;Beck HI;Bjerring P;. Title: House dust mites and atopic dermatitis. A case-control study on the significance of house dust mites as etiologic allergens in atopic dermatitis. Journal Name: Annals of Allergy. Year: 1990 Jul | restricted to adults |
| 209 | Authors: Hill DJ;Hosking CS;. Title: Food allergy and atopic dermatitis in infancy: An epidemiologic study. Journal Name: Pediatric Allergy and Immunology. Year: 2004 | Consider for epidemiology |
| 379 | Authors: Hill DJ;Hosking CS;Heine RG;. Title: Clinical spectrum of food allergy in children in Australia and South-East Asia: Identification and targets for treatment. Journal Name: Annals of Medicine. Year: 1999 | Not relevant. About spectrum of food allergy and its management. |
| 380 | Authors: Hill DJ;Sporik R;Thorburn J;Hosking CS;. Title: The association of atopic dermatitis in infancy with immunoglobulin E food sensitization. Journal Name: Journal of Pediatrics. Year: 2000 Oct | study does not focus on trigger factors in each of its three groups |
| 206 | Authors: Huang JL;Chen CC;Kuo ML;Hsieh KH;. Title: Exposure to a high concentration of mite allergen in early infancy is a risk factor for developing atopic dermatitis: a 3-year follow-up study. Journal Name: Pediatric Allergy and Immunology. Year: 2001 Feb | About exposure to high concentration of mite allergen in infancy at its association with the development of atopic eczema. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|--|
| 381 | Authors: Kawada T;. Title: Risk factors and prevalence of asthma or atopic dermatitis in young children by a questionnaire survey. Journal Name: Journal of Nippon Medical School = Nihon Ika Daigaku Zasshi. Year: 2004 | Not relevant- about prevalence of Asthma in subjects with Atopic Dermatitis. |
| 187 | Authors: Kawano Y;Morikawa M;Watanabe M;Ohshiba A;Noma T;Odajima H;. Title: A study of the factors responsible for the development of allergic diseases in early life. Journal Name: Asian Pacific Journal of Allergy and Immunology. Year: 2005 | Not relevant to scope- about factors responsible for the development of allergic diseases. |
| 221 | Authors: Kerkhof M;Koopman LP;Van Strient RT;Wijga A;Smit HA;Aalberse RC;Neijenst HJ;Brunekreeft B;Postma DS;Gerritsen J;. Title: Risk factors for atopic dermatitis in infants at high risk of allergy: The PIAMA study. Journal Name: Clinical and Experimental Allergy. Year: 2003 | About incidence of atopic eczema. |
| 207 | Authors: Kihlstrom A;Lilja G;Pershagen G;Hedlin G;. Title: Exposure to birch pollen in infancy and development of atopic disease in childhood. Journal Name: Journal of Allergy and Clinical Immunology. Year: 2002 | Influence of birch pollen of the development of atopic eczema. |
| 382 | Authors: Kihlstrom A;Lilja G;Pershagen G;Hedlin G;. Title: Exposure to high doses of birch pollen during pregnancy, and risk of sensitization and atopic disease in the child. Journal Name: Allergy. Year: 2003 | Not relevant. Pregnancy exposure to birch pollen and how it affects incidence of eczema |
| 383 | Authors: Kikuchi K;Kobayashi H;O'goshi K;Tagami H;. Title: Impairment of skin barrier function is not inherent in atopic dermatitis patients: A prospective study conducted in newborns. Journal Name: Pediatric Dermatology. Year: 2006 | not relevant of the question. More about the impairment of the skin barrier in atopic dermatitis patients. |
| 384 | Authors: Kilpi T;Kero J;Jokinen J;Syrjanen R;Takala AK;Hovi T;Isolauri E;. Title: Common respiratory infections early in life may reduce the risk of atopic dermatitis. Journal Name: Clinical Infectious Diseases. Year: 2002 Mar 1 | not about management of trigger factors! |
| 385 | Authors: Kjellman B;Hattevig G;. Title: Allergy in early and late onset of atopic dermatitis. Journal Name: Acta Paediatrica. Year: 1994 Feb | Not a study- an editorial |
| 386 | Authors: Kurosaka F;Nakatani Y;Terada T;Tanaka A;Ikeuchi H;Hayakawa A;Konohana A;Oota K;Nishio H;. Title: Current cat ownership may be associated with the lower prevalence of atopic dermatitis, allergic rhinitis, and Japanese cedar pollinosis in schoolchildren in Himeji, Japan. Journal Name: Pediatric Allergy and Immunology. Year: 2006 | looking at associations between cat ownership and eczema and not trigger properties. |
| 387 | Authors: Kurukulaaratchy R;Fenn M;Matthews S;Hasan AS;. Title: The prevalence, characteristics of and early life risk factors for eczema in 10-year-old children. Journal Name: Pediatric Allergy and Immunology. Year: 2003 Jun | not about trigger factors |
| 212 | Authors: Lange J;Ngoumou G;Berkenheide S;Moseler M;Mattes J;Kuehr J;Kopp MV;. Title: High interleukin-13 production by phytohaemagglutinin- and Der p 1-stimulated cord blood mononuclear cells is associated with the subsequent development of atopic dermatitis at the age of 3 years. Journal Name: Clinical and Experimental Allergy. | not relevant. About cord blood. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| | Year: 2003 Nov | |
| 78 | Authors: Laske N;Niggemann B;. Title: Does the severity of atopic dermatitis correlate with serum IgE levels?. Journal Name: Pediatric Allergy and Immunology. Year: 2004 | Looking at the association between severity of atopic eczema and serum IgE . |
| 388 | Authors: Laubereau B;Brockow I;Zirngibl A;Koletzko S;Gruebl A;von BA;Filipiak-Pittroff B;Berdel D;Bauer CP;Reinhardt D;Heinrich J;Wichmann HE;GINI Study Group.;. Title: Effect of breast-feeding on the development of atopic dermatitis during the first 3 years of life--results from the GINI-birth cohort study.[see comment]. Journal Name: Journal of Pediatrics. Year: 2004 May | About development of ectopic eczema within the first 3 years of life due to breast feeding. |
| 389 | Authors: Lehmann HS;Heaton T;Mallon D;Holt PG;. Title: Staphylococcal enterotoxin-B-mediated stimulation of interleukin-13 production as a potential aetiologic factor in eczema in infants. Journal Name: International Archives of Allergy and Immunology. Year: 2004 Dec | Not relevant about Staphylococcal enterotoxin-B-mediated stimulation of interleukin-13 production as a risk factor for eczema.. |
| 390 | Authors: Leung R;. Title: Asthma, allergy and atopy in South-east Asian immigrants in Australia.[see comment]. Journal Name: Australian and New Zealand Journal of Medicine. Year: 1994 Jun | an editorial |
| 218 | Authors: Leung R;Ho A;Chan J;Choy D;Lai CK;. Title: Prevalence of latex allergy in hospital staff in Hong Kong. Journal Name: Clinical and Experimental Allergy. Year: 1997 Feb | beyond age bracket |
| 391 | Authors: Leung R;Ho P;. Title: Asthma, allergy, and atopy in three south-east Asian populations. Journal Name: Thorax. Year: 1994 Dec | beyond the age bracket |
| 392 | Authors: Leung R;Jenkins M;. Title: Asthma, allergy and atopy in southern Chinese school students. Journal Name: Clinical and Experimental Allergy. Year: 1994 Apr | beyond age bracket |
| 393 | Authors: Leung R;Wong G;Lau J;Ho A;Chan JK;Choy D;Douglass C;Lai CK;. Title: Prevalence of asthma and allergy in Hong Kong schoolchildren: an ISAAC study. Journal Name: European Respiratory Journal. Year: 1997 Feb | beyond the age bracket |
| 189 | Authors: Leung RC;Carlin JB;Burdon JG;Czarny D;. Title: Asthma, allergy and atopy in Asian immigrants in Melbourne. Journal Name: Medical Journal of Australia. Year: 1994 Oct 3 | looking at prevalence of atopy in different ethnic groups. Not relevant |
| 394 | Authors: Lewis SA;Britton JR;. Title: Consistent effects of high socioeconomic status and low birth order, and the modifying effect of maternal smoking on the risk of allergic disease during childhood. Journal Name: Respiratory Medicine. Year: 1998 Oct | Looking at risk factors of wheeze, hayfever and eczema together in all patients. |
| 395 | Authors: Linneberg A;Petersen J;Gronbaek M;Benn CS;. Title: Alcohol during pregnancy and atopic dermatitis in the offspring. Journal Name: Clinical and Experimental Allergy. Year: 2004 | Not relevant. The influence of alcohol in pregnancy in the development of atopic eczema. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|--|
| 396 | Authors: Ludvigsson JF;Mostrom M;Ludvigsson J;Duchen K;. Title: Exclusive breastfeeding and risk of atopic dermatitis in some 8300 infants. Journal Name: Pediatric Allergy and Immunology. Year: 2005 | Breast feeding and the development of atopic eczema. |
| 215 | Authors: Magnusson CG;. Title: Maternal smoking influences cord serum IgE and IgD levels and increases the risk for subsequent infant allergy. Journal Name: Journal of Allergy and Clinical Immunology. Year: 1986 Nov | about IgE and D in cord blood |
| 397 | Authors: Manjra AI;du PP;Weiss R;Motala CM;Potter PC;Raboobee N;Ndlova N;Davis M;Weinberg EG;. Title: Childhood atopic eczema consensus document. Journal Name: South African Medical Journal. Year: 2005 | a consensus statement looking at the intervention, prognostic and co-morbidity implications for patients with eczema |
| 398 | Authors: Martindale S;McNeill G;Devereux G;Campbell D;Russell G;Seaton A;. Title: Antioxidant intake in pregnancy in relation to wheeze and eczema in the first two years of life. Journal Name: American Journal of Respiratory and Critical Care Medicine. Year: 2005 Jan 15 | not relevant. About Antioxidant intake in pregnancy in relation to wheeze and eczema |
| 399 | Authors: McNally NJ;Williams HC;Phillips DR;. Title: Atopic eczema and the home environment. Journal Name: British Journal of Dermatology. Year: 2001 | not addressing the trigger factors of eczema, only associations |
| 400 | Authors: McNally NJ;Williams HC;Phillips DR;Smallman-Raynor M;Lewis S;Venn A;Britton J;. Title: Atopic eczema and domestic water hardness. Journal Name: Lancet. Year: 1998 | not addressing trigger factors of atopic eczema. |
| 167 | Authors: Meglio P;Arabito E;Plantamura M;Businco L;. Title: Prevalence of latex allergy and evaluation of some risk factors in a population of atopic children. Journal Name: Journal of Investigational Allergology and Clinical Immunology. Year: 2002 | addressing prevalence of latex allergy in children with Atopic children |
| 213 | Authors: Meglio P;Farinella F;Trogolo E;Giampietro PG;Cantani A;Businco L;. Title: Immediate reactions following challenge-tests in children with atopic dermatitis. Journal Name: Allergie et Immunologie. Year: 1988 Feb | Not relevant |
| 214 | Authors: Mitchell EB;Crow J;Williams G;Platts-Mills TA;. Title: Increase in skin mast cells following chronic house dust mite exposure. Journal Name: British Journal of Dermatology. Year: 1986 Jan | beyond age bracket |
| 401 | Authors: Miyake Y;Yura A;Iki M;. Title: Breastfeeding and the prevalence of symptoms of allergic disorders in Japanese adolescents. Journal Name: Clinical and Experimental Allergy. Year: 2003 Mar | study beyond age bracket |
| 402 | Authors: Miyake Y;Yura A;Iki M;. Title: Cross-sectional study of allergic disorders in relation to familial factors in Japanese adolescents. Journal Name: Acta Paediatrica. Year: 2004 Mar | Beyond age bracket. |
| 403 | Authors: Montefort S;Lenicker HM;Caruna S;Agius MH;. Title: Asthma, rhinitis and eczema in Maltese 13-15 year-old schoolchildren -- prevalence, severity and associated factors [ISAAC]. International Study of Asthma and Allergies in Childhood. Journal Name: Clinical and Experimental | beyond the age bracket |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| | Allergy. Year: 1998 Sep | |
| 404 | Authors: Moore MM;Rifas-Shiman SL;Rich-Edwards JW;Kleinman KP;Camargo Jr CA;Gold DR;Weiss ST;Gillman MW;. Title: Perinatal Predictors of Atopic Dermatitis Occurring in the First Six Months of Life. Journal Name: Pediatrics. Year: 2004 | Focus is on factors that predict atopic eczema. |
| 405 | Authors: Morren MA;Przybilla B;Bamelis M;Heykants B;Reynaers A;Degreef H;. Title: Atopic dermatitis: triggering factors. [96 refs]. Journal Name: Journal of the American Academy of Dermatology. Year: 1994 Sep | Not a study |
| 406 | Authors: Nafstad P;Magnus P;Gaarder PI;Jaakkola JJ;. Title: Exposure to pets and atopy-related diseases in the first 4 years of life.[see comment]. Journal Name: Allergy. Year: 2001 Apr | Looking at incidence of eczema and not factors that trigger |
| 407 | Authors: Neild VS;Marsden RA;Bailes JA;Bland JM;. Title: Egg and milk exclusion diets in atopic eczema. Journal Name: British Journal of Dermatology. Year: 1986 Jan | |
| 408 | Authors: Osterlund P;Smedberg T;Hakulinen A;Heikkila H;Jarvinen KM;. Title: Eosinophil cationic protein in human milk is associated with development of cow's milk allergy and atopic eczema in breast-fed infants. Journal Name: Pediatric Research. Year: 2004 Feb | not relevant. Looking at Eosinophil cationic protein in human milk and its association with development of cow's milk allergy and atopic eczema in breast-fed infants |
| 225 | Authors: Patrizi A;Guerrini V;Ricci G;Neri I;Specchia F;Masi M;. Title: The natural history of sensitizations to food and aeroallergens in atopic dermatitis: a 4-year follow-Up. Journal Name: Pediatric Dermatology. Year: 2000 Jul | Not relevant- to establish risk factors for developing an allergic respiratory disease in children with AD |
| 409 | Authors: Peng Y;Shyur S;Chang C;Lai C;Chu S;Wu W;Wu C;. Title: Fish allergy in atopic children. Journal Name: Journal of Microbiology, Immunology and Infection. Year: 2001 | small sampling frame and about development of fish allergy in AD children |
| 226 | Authors: Poikonen S;Puumalainen TJ;Kautiainen H;Burri P;Palosuo T;Reunala T;Turjanmaa K;. Title: Turnip rape and oilseed rape are new potential food allergens in children with atopic dermatitis. Journal Name: Allergy. Year: 2006 Jan | not relevant- about new food allergies in children already with AE. Not about triggers |
| 410 | Authors: Prescott SL;King B;Strong TL;Holt PG;. Title: The value of perinatal immune responses in predicting allergic disease at 6 years of age. Journal Name: Allergy. Year: 2003 | Not relevant- looking at patterns of early immune response based on allergic outcomes |
| 90 | Authors: Queille-Roussel C;Raynaud F;Saurat JH;. Title: A prospective computerized study of 500 cases of atopic dermatitis in childhood. I. Initial analysis of 250 parameters. Journal Name: Acta Dermato-Venereologica. Year: 1985 | Does not address triggering factors |
| 411 | Authors: Resch A;Schlipkoter U;Crispin A;Behrendt H;Heinrich J;Wichmann HE;Ring J;Schafer T;The KORA study group;. Title: Atopic disease and its determinants -- a focus on the potential role of childhood infection. Journal | study looking beyond age bracket of interest. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|--|
| | Name: Clinical and Experimental Allergy. Year: 2004 Aug | |
| 175 | Authors: Rudzeviciene O;Narkeviciute I;Eidukevicius R;. Title: Lactose malabsorption in young Lithuanian children with atopic dermatitis. Journal Name: Acta Paediatrica. Year: 2004 Apr | Not relevant-about the prevalence of lactose malabsorption in in children with Atopic dermatitis |
| 412 | Authors: Saarinen UM;Kajosaari M;. Title: Breastfeeding as prophylaxis against atopic disease: prospective follow-up study until 17 years old.[see comment]. Journal Name: Lancet. Year: 1995 Oct 21 | Poor application of study methodology |
| 413 | Authors: Schafer T;Dirschedl P;Kunz B;Ring J;Uberla K;. Title: Maternal smoking during pregnancy and lactation increases the risk for atopic eczema in the offspring. Journal Name: Journal of the American Academy of Dermatology. Year: 1997 Apr | Effect of maternal smoking and lactation of the development of eczema. |
| 414 | Authors: Schafer T;Heinrich J;Wjst M;Krause C;Adam H;Ring J;Wichmann HE;. Title: Indoor risk factors for atopic eczema in school children from East Germany. Journal Name: Environmental Research. Year: 1999 Aug | looking at associations of ectopic eczema and not its triggers |
| 415 | Authors: Schafer T;Kramer U;Vieluf D;Abeck D;Behrendt H;Ring J;. Title: The excess of atopic eczema in East Germany is related to the intrinsic type. Journal Name: British Journal of Dermatology. Year: 2000 Nov | not about trigger factors |
| 416 | Authors: Schafer T;Meyer T;Ring J;Wichmann H;Heinrich J;. Title: Worm infestation and the negative association with eczema (atopic/nonatopic) and allergic sensitization. Journal Name: Allergy. Year: 2005 | looking at participants with worm infestation . |
| 417 | Authors: Schmidt K;Pittler MH;Wilson N;van Gool C;Humphreys R;Ernst E;. Title: Oral evening primrose oil and borage oil for atopic eczema. Journal Name: Cochrane Database of Systematic Reviews. Year: 2006 | a study protocol |
| 418 | Authors: Sherriff A;Golding J;ALSPAC Study Team.;; Title: Hygiene levels in a contemporary population cohort are associated with wheezing and atopic eczema in preschool infants. Journal Name: Archives of Disease in Childhood. Year: 2002 Jul | assessment of hygiene levels in infancy associated with Wheeze/ atopic eczema |
| 419 | Authors: Steffensen FH;Sorensen HT;Gillman MW;Rothman KJ;Sabroe S;Fischer P;Olsen J;. Title: Low birth weight and preterm delivery as risk factors for asthma and atopic dermatitis in young adult males. Journal Name: Epidemiology. Year: 2000 Mar | In appropriate stats representation. |
| 177 | Authors: Tamsmark TH;Koch A;Melbye M;Molbak K;. Title: Incidence and predictors of atopic dermatitis in an open birth cohort in Sisimiut, Greenland. Journal Name: Acta Paediatrica. Year: 2001 Sep | We have UK data for epidemiology aspects included in this paper. |
| 420 | Authors: Taylor B;Wadsworth J;Golding J;Butler N;. Title: Breast feeding, eczema, asthma, and hayfever. Journal Name: Journal of Epidemiology and Community Health. Year: 1983 Jun | study results were more about asthma and not eczema. Not rigorous enough |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| 421 | Authors: Terreehorst I;Oosting AJ;Tempels-Pavlica Z;de Monchy JG;Bruijnzeel-Koomen CA;Hak E;van Wijk RG;. Title: Prevalence and severity of allergic rhinitis in house dust mite-allergic patients with bronchial asthma or atopic dermatitis. Journal Name: Clinical and Experimental Allergy. Year: 2002 Aug | About prevalence of allergic rhinitis in patients with Atopic eczema/asthma. Not looking at trigger factors |
| 422 | Authors: Van Bever HP;Docx M;Stevens WJ;. Title: Food and food additives in severe atopic dermatitis. Journal Name: Allergy. Year: 1989 Nov | sampling frame small and nil evidence of statistical analysis done to arrive at conclusion even though study claims to be a randomised double blind placebo controlled challenge trial. |
| 423 | Authors: Von LML;Porsbjerg C;Ulrik CS;Nepper-Christensen S;Backer V;. Title: Prevalence and predictors of atopy among young Danish adults. Journal Name: Clinical and Experimental Allergy. Year: 2002 | Study looking at adults |
| 424 | Authors: Yang C;Cheng M;Hsieh Y;. Title: Effects of indoor environmental factors on risk for atopic eczema in a subtropical area. Journal Name: Journal of Toxicology and Environmental Health Part A. Year: 2000 | Focus is on indoor environmental factors on development of eczema in subtropical areas. |
| 425 | Authors: Yemaneberhan H;Flohr C;Lewis SA;Bekele Z;Parry E;Williams HC;Britton J;Venn A;. Title: Prevalence and associated factors of atopic dermatitis symptoms in rural and urban Ethiopia. Journal Name: Clinical and Experimental Allergy. Year: 2004 May | beyond age bracket |
| 426 | Authors: Yura A;Shimizu T;. Title: Trends in the prevalence of atopic dermatitis in school children: longitudinal study in Osaka Prefecture, Japan, from 1985 to 1997. Journal Name: British Journal of Dermatology. Year: 2001 Dec | more relevant to epidemiology |
| 427 | Authors: Zirngibl A;Franke K;Gehring U;von BA;Berdel D;Bauer CP;Reinhardt D;Wichmann HE;Heinrich J;GINI Study Group;. Title: Exposure to pets and atopic dermatitis during the first two years of life. A cohort study. Journal Name: Pediatric Allergy and Immunology. Year: 2002 Dec | Effect of keeping pets on the development of eczema at 2 yrs. |
| 428 | Authors: Zutavern A;Hirsch T;Leupold W;Weiland S;Keil U;von ME;. Title: Atopic dermatitis, extrinsic atopic dermatitis and the hygiene hypothesis: results from a cross-sectional study. Journal Name: Clinical and Experimental Allergy. Year: 2005 Oct | about the risk profile of developing atopic eczema |
| 429 | Authors: Bindslev-Jensen C;Ballmer-Weber BK;Bengtsson U;Blanco C;Ebner C;Hourihane J;Knulst AC;Moneret-Vautrin DA;Nekam K;Niggemann B;Osterballe M;Ortolani C;Ring J;Schnopp C;Werfel T;European Academy of Allergology and Clinical Immunology;. Title: Standardization of food challenges in patients with immediate reactions to foods--position paper from the European Academy of Allergology and Clinical Immunology. [73 refs]. Journal Name: Allergy. Year: 2004 Jul | A review on study methods |
| 430 | Authors: Niggemann B;Binder C;Dupont C;Hadji S;Arvola T;Isolauri E;. Title: Prospective, controlled, multi-center study on the effect of an amino-acid-based formula in infants with cow's milk allergy/intolerance and atopic dermatitis. Journal Name: Pediatric allergy and immunology : official | Looking at the effects of amino- based formulae in comparison with extensively hydrolysed cow's milk formulae on the growth and clinical symptoms of infants. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| | publication of the European Society of Pediatric Allergy and Immunology. Year: 2001 Apr | |

Emollients and dry bandages and medicated dressings

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| 431 | Authors: Andersson A;Lindberg M;Loden M;. Title: The effect of two urea-containing creams on dry, eczematous skin in atopic patients. I. Expert, patient and instrumental evaluation. Journal Name: Journal of Dermatological Treatment. Year: 1999 | Patients were aged 18-55 years. |
| 432 | Authors: Barham KL;Yosipovitch G;. Title: It's a wrap: the use of wet pajamas in wet-wrap dressings for atopic dermatitis. Journal Name: Dermatology Nursing. Year: 2005 | Narrative review with no new or additional references to clinical trials cited. |
| 433 | Authors: Buraczewska I;Berne B;Lindberg M;Torma H;Loden M;. Title: Changes in skin barrier function following long-term treatment with moisturizers, a randomized controlled trial. Journal Name: British Journal of Dermatology. Year: 156 | Population did not include any patients with atopic eczema. |
| 434 | Authors: Clinical Research Group for Urea Ointment;. Title: A Double-Blind Study on Clinical Efficacy of Urea Ointment. Journal Name: Rinsho Hyoka (Clinical Evaluation). Year: 1977 | This paper is written in Japanese, with a detailed abstract in English. However, while the indications for treatment are described as ichthyosis vulgaris, senile xerosis, or 'atopic skin (inclusive of dry form of infantile eczema)'. The proportion of patients with atopic eczema is not stated, nor is the age of the population. |
| 435 | Authors: Cork MJ;. Title: Causes and treatment of childhood eczema. Journal Name: Exchange - Quarterly Journal of the National Eczema Society. Year: 2002 | Background information. |
| 436 | Authors: Cork MJ;. Title: The importance of skin barrier function. Journal Name: Journal of Dermatological Treatment. Year: 1987 | Background information. |
| 437 | Authors: Cork MJ;Robinson D;Vasilopoulos Y;Ferguson A;Moustafa M;MacGowan A;Ward SJ;Tazi-Ahnini R;. Title: Predisposition to sensitive skin and eczema. Journal Name: Community Practitioner. Year: 2005 | Background information. |
| 438 | Authors: Cork MJ;Robinson DA;Vasilopoulos Y;Ferguson A;Moustafa M;MacGowan A;Duff GW;Ward SJ;Tazi-Ahnini R;. Title: New perspectives on epidermal barrier dysfunction in atopic dermatitis: Gene-environment interactions. Journal Name: Journal of Allergy and Clinical Immunology. Year: 2006 | Background information. |
| 439 | Authors: Foelster-Holst R;. Title: Efficacy of crisis intervention treatment with topical corticosteroid prednicarbat with and without partial wet-wrap dressing in atopic dermatitis. Journal Name: Dermatology (Basel, Switzerland). Year: | The age of the population ranged from 6 to 63 years. There were 4 children aged 6 to 16 but no data were reported separately for this group. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| | 2006 | |
| 440 | Authors: Goodyear HM;Harper JI;. Title: 'Wet wrap' dressings for eczema: an effective treatment but not to be misused. Journal Name: British Journal of Dermatology. Year: 2002 Jan | Letter - background information. |
| 441 | Authors: Groel JT;. Title: Dimethyl sulfoxide as a vehicle for corticosteroids. A comparison with the occlusive dressing technique. Journal Name: Archives of Dermatology. Year: 1968 Feb | The study includes 224 people, of mean age 43 years (range 2 to 82); no data were reported separately for those aged under 12 years (proportion unknown); additionally only 13% of the study population had atopic eczema. |
| 442 | Authors: Kantor I;Milbauer J;Posner M;Weinstock IM;Simon A;Thormahlen S;. Title: Efficacy and safety of emollients as adjunctive agents in topical corticosteroid therapy for atopic dermatitis. Journal Name: Today's Therapeutic Trends. Year: 1993 | Patients of any age with atopic eczema were stated to be included in this study but no demographic data were provided, therefore it is not possible to tell whether any children were included, and if so what age they were. |
| 443 | Authors: Larregue M, Devaux J, Audebert C et al. Title: Crème a base de lactate d'ammonium 6% etude en double aveugle controlee, de l'action et de la tolerance chez l'enfant atteint de dermatite atopique. Journal Name: Nouv Dermatol. Year: 1996 | The paper is published in French. It evaluates use of ammonium lactate 6% in 46 infants, treated for 30 days. (This paper was cited in the Hoare review 2000 ⁴⁴⁴) |
| 445 | Authors: Lawton S;. Title: Atopic eczema: nurse-led care - 2. Treatments. Journal Name: The Journal of Family Health Care. Year: 2005 | Narrative review - used for background information |
| 446 | Authors: Loden M;. Title: Role of topical emollients and moisturizers in the treatment of dry skin barrier disorders. [215 refs]. Journal Name: American Journal of Clinical Dermatology. Year: 2003 | Narrative review - used as background information and to check references. |
| 447 | Authors: Loden M;Andersson AC;Anderson C;Bergbrant IM;Frodin T;Ohman H;Sandstrom MH;Sarnhult T;Voog E;Stenberg B;Pawlik E;Preisler-Haggqvist A;Svensson A;Lindberg M;. Title: A double-blind study comparing the effect of glycerin and urea on dry, eczematous skin in atopic patients. Journal Name: Acta Dermato-Venereologica. Year: 2002 | Mean age of people included in the study was around 32 to 35 years in different groups. It is not clear whether any children were included. |
| 448 | Authors: Loden M;Andersson AC;Lindberg M;. Title: Improvement in skin barrier function in patients with atopic dermatitis after treatment with a moisturizing cream (Canoderm). Journal Name: British Journal of Dermatology. Year: 1999 Feb | Patients included were adults (mean age 32 (+/- 14) years. |
| 449 | Authors: Mallon E;Powell S;Bridgman A;. Title: 'Wet-wrap' dressings for the treatment of atopic eczema in the community. Journal Name: Journal of Dermatological Treatment. Year: 1994 | No useable outcome data, and only limited demography. Additionally 2 different treatments were used according to age, and it is not clear how many were treated with which. |
| 450 | Authors: Nicol NH;. Title: Atopic dermatitis: the (wet) wrap-up. Journal Name: American Journal of Nursing. Year: 1987 | Narrative review, with no references cited. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 451 | Authors: Page B;. Title: The benefits of Tubifast Garments in the management of atopic eczema.. Journal Name: British Journal of Nursing. Year: 2005 | Narrative review - background information, with no additional or new clinical trials cited. |
| 452 | Authors: Rajka G;. Title: Emollient therapy in atopic dermatitis. Journal Name: Journal of Dermatological Treatment. Year: 1997 | Narrative review - used as background information and to check references. |
| 453 | Authors: Riley K;. Title: Flurandrenolone (Cordran) tape as occlusive therapy. Journal Name: Journal - South Carolina Medical Association. Year: 1969 May | Case series of 39 people with various dermatological conditions, including atopic eczema (n=3). However very little information was provided; none about the patients treated, duration of use, and no useable outcome data. |
| 454 | Authors: Sladden MJ;Mortimer NJ;Milligan AM;. Title: Wet wraps in atopic eczema: the dangers of inadequately sized 'negative' clinical trials.[comment]. Journal Name: Clinical and Experimental Dermatology. Year: 2005 Jul | Letter regarding Beattie 2004 RCT. ⁴⁵⁵ Background information. |
| 456 | Authors: Tang WYM;. Title: Diluted steroid facial wet wraps for childhood atopic eczema [4]. Journal Name: Dermatology. Year: 2000 | This short report describes the technique and use of a corticosteroid wet wrap on the face in 10 children. No outcome data are given, and only limited demographic data. |
| 457 | Authors: Thestrup-Pedersen K;. Title: Treatment principles of atopic dermatitis. Journal Name: Journal of the European Academy of Dermatology and Venereology. Year: 2002 | Narrative review - background information only. There were no references to clinical trials of emollients. |
| 458 | Authors: Twitchen LJ;Lowe AJ;. Title: Atopic eczema and wet-wrap dressings.. Journal Name: Professional Nurse. Year: 1998 Nov | Narrative review, with no new/additional references cited. |
| 459 | Authors: Vilaplana J;Coll J;Trullas C;Azon A;Pelejero C;. Title: Clinical and non-invasive evaluation of 12% ammonium lactate emulsion for the treatment of dry skin in atopic and non-atopic subjects. Journal Name: Acta Dermato-Venereologica. Year: 1992 | Patients included were aged 20-50 years. |

Topical corticosteroids

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 460 | Authors: . Title: Therapeutic advance: Don't forget children. Journal Name: Prescrire International. Year: 2003 | Commentary regarding lack of clinical trial data in children. Not directly relevant to the guideline questions. |
| 461 | Authors: Allen DB;. Title: Systemic effects of inhaled corticosteroid in children. Journal Name: Current Opinion in Pediatrics. Year: 2004 | Not relevant to guideline scope. |
| 462 | Authors: Almeyda J;Burt BW;. Title: Double blind controlled study of treatment of atopic eczema with a preparation of hydrocortisone in a new drug delivery system versus betamethasone 17-valerate. Journal Name: British Journal of Dermatology. Year: 1974 Nov | The population included in the study were only referred to as 'patients', with no further details, therefore it is not known whether any children were included. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| 463 | Authors: Baselga E;. Title: Treatment of atopic dermatitis in infancy. Journal Name: Actas Dermo-Sifiliograficas. Year: 2003 | Foreign language paper; seems to be a review of systemic immunosuppressants. |
| 464 | Authors: Baum WF;Schneyer U;Lantsch AM;Kloditz E;. Title: Delay of growth and development in children with bronchial asthma, atopic dermatitis and allergic rhinitis. [Review] [98 refs]. Journal Name: Experimental and Clinical Endocrinology and Diabetes. Year: 2002 Apr | Narrative review - used as background information and to check references. |
| 465 | Authors: Benincori A;Picarazzi A;Mancuso G;Mirena S;De MM;Businco L;. Title: Efficacy and side effects of a new topical steroid: Fluocortin butyl. Journal Name: Folia Allergologica et Immunologica Clinica. Year: 1988 | Foreign language paper |
| 466 | Authors: Bernier C;. Title: How should severe and chronic atopic dermatitis be managed in children?. [French]. Journal Name: Annales de Dermatologie et de Venereologie. Year: 2005 | Foreign language paper, which appears to summarise data for the use of systemic immunosuppressant therapies. |
| 467 | Authors: Berth-Jones J;. Title: Product focus. Fluticasone propionate: a twice-weekly steroid regimen for eczema. Journal Name: Practice Nursing. Year: 2004 | This is a summary of a RCT published elsewhere - the original paper is considered in the guideline (Berth-Jones 2003 ⁴⁶⁸). |
| 469 | Authors: Beylot C;Feuillat F;Doutre M;. Title: Topical corticosteroids in children. Journal Name: Revue du Praticien. Year: 1987 | Foreign language review paper. |
| 470 | Authors: Blum G;. Title: Evaluation of halometasone cream in the treatment of paediatric patients with acute eczematous dermatoses. Journal Name: Journal of International Medical Research. Year: 1983 | Case series including a mixed population (seborrhoeic dermatitis and contact dermatitis), although results were reported separately for the children with atopic dermatitis. However, this corticosteroid is not used in the UK, therefore is not considered. |
| 471 | Authors: Boralevi F;. Title: What additional measures should be recommended in atopic dermatitis in children? [French]. Journal Name: Annales de Dermatologie et de Venereologie. Year: 2005 | Foreign language review paper |
| 472 | Authors: Brazzelli V;Larizza D;Roveda E;Barbagallo T;Prestinari F;Calcaterra V;Bellani E;Caimmi S;Muratori T;Borroni G;. Title: Acquired localized iatrogenic hypertrichosis: A pediatric case report. Journal Name: Giornale Italiano di Dermatologia e Venereologia. Year: 2003 | Case report - foreign language |
| 473 | Authors: Breneman D;Fleischer AB;Kaplan D;Lebwohl M;Miller B;Pariser D;Rist T;Swinyer L;Liu Y;Foley V;. Title: Clobetasol propionate 0.05% lotion in the treatment of moderate to severe atopic dermatitis: a randomized evaluation versus clobetasol propionate emollient cream. Journal Name: Journal of Drugs in Dermatology: JDD. Year: 2005 May | The age range of people included in the trial was 12-86 years. |
| 474 | Authors: Buchvald D;. Title: Mometasone furoate in the treatment of atopic dermatitis in children - open clinical study. Journal Name: Ceskoslovenska Dermatologie. Year: 1996 | Publication in foreign language. English abstract; evaluation of 2 weeks mometasone treatment in 72 children with atopic eczema. No control group. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 475 | Authors: Callen J;Chamlin S;Eichenfield LF;Ellis M;Girardi M;Goldfarb M;Hanifin J;Lee P;Margolis D;Paller AS;Piacquadio D;Peterson W;Kaulback K;Fennerty M;Wintroub BU;. Title: A systematic review of the safety of topical therapies for atopic dermatitis. Journal Name: British Journal of Dermatology. Year: 2007 | Narrative review of mainly open studies. Age range not specific enough for this guideline. |
| 476 | Authors: Cambazard F;. Title: The use of topical corticosteroids in atopic dermatitis in children. Journal Name: Annales de Dermatologie et de Venereologie. Year: 2005 | Foreign language review paper. |
| 477 | Authors: Centre for Reviews and Dissemination;. Title: Treatment of atopic dermatitis and impact on quality of life: a review with emphasis on topical non-corticosteroids (Provisional record). Journal Name: Database of Abstracts of Reviews of Effectiveness. Year: 2005 | Referred to original paper instead. |
| 478 | Authors: Chavigny J;. Title: The place of therapeutic education in the treatment of atopic dermatitis in children. [French]. Journal Name: Annales de Dermatologie et de Venereologie. Year: 2005 | Foreign language review paper. |
| 479 | Authors: Chiaverini C;. Title: What are means of preventing flares and the adjuvant measures to be taken in atopic dermatitis in children?. [French]. Journal Name: Annales de Dermatologie et de Venereologie. Year: 2005 | Foreign language review paper. |
| 480 | Authors: Crespi HG;. Title: Topical corticosteroid therapy for children: alclometasone dipropionate cream 0.05%. Journal Name: Clinical Therapeutics. Year: 1986 | Case series of 39 children aged up to 12 years, 56% of whom had atopic eczema, but no data were reported separately for this subgroup. |
| 481 | Authors: David TJ;. Title: Short stature in children with atopic eczema. [Review] [34 refs]. Journal Name: Acta Dermato-Venereologica. Year: 1989 | Narrative review/opinion - used to check references. |
| 482 | Authors: Del RJ;Friedlander SF;. Title: Corticosteroids: options in the era of steroid-sparing therapy. [Review] [59 refs]. Journal Name: Journal of the American Academy of Dermatology. Year: 2005 Jul | Narrative review - background information. |
| 483 | Authors: Dominguez L;Hojyo T;Vega E;Jones ML;Peets E;. Title: Comparison of the safety and efficacy of mometasone furoate cream 0.1% and clobetasone butyrate cream 0.05% in the treatment of children with a variety of dermatoses. Journal Name: CURR THER RES CLIN EXP. Year: 1990 | The study includes 61 children with a range of skin conditions, including atopic eczema (75%), contact dermatitis and seborrheic dermatitis. Data were not reported separately for the children with atopic eczema. |
| 484 | Authors: Eichenfield LF;. Title: Two randomized, double-blind, placebo-controlled studies of fluticasone propionate lotion 0.05% for the treatment of atopic dermatitis in subjects from 3 months of age. Journal Name: Journal of the American Academy of Dermatology. Year: 2006 Apr | The age of the population ranged from 3 months to 87 years. The proportion of children aged under 12 years was not stated, and no data were reported separately for this group. |
| 485 | Authors: el-Hefnawi H;el-Shiemy S;Paris R;Tadros SS;. Title: Double-blind paired comparison clinical trial of halcinonide and hydrocortisone. Journal Name: Cutis. Year: 1978 Jul | The mean age of patients was 35 years (range 5 months to 65 years), and only 10% had atopic eczema. |
| 486 | Authors: Ersser S;Latter S;SurrIDGE H;Buchanan P;Satherley P;Welbourne S;. Title: Psychological and educational interventions for atopic eczema in children. Journal Name: Cochrane Database of Systematic Reviews. Year: 2006 | Protocol for a Cochrane systematic review only. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 487 | Authors: Fattah AA;el-Shiemy S;Faris R;Tadros SS;. Title: A comparative clinical evaluation of a new topical steroid 'halcinonide' and hydrocortisone in steroid-responsive dermatoses. Journal Name: Journal of International Medical Research. Year: 1976 | The study included patients aged 11 to 50 years. Only 4 of the 50 had atopic eczema. |
| 488 | Authors: Fischer G;. Title: Common skin problems in children. Part 2: Rashes other than atopic dermatitis. Journal Name: Medicine Today. Year: 2005 | Narrative review/educational article about skin conditions in children, not including atopic eczema. |
| 489 | Authors: Fisher M;Kelly AP;. Title: Multicenter trial of fluocinonide in an emollient cream base. Journal Name: International Journal of Dermatology. Year: 1979 Oct | The study includes patients with atopic eczema or psoriasis. Although results are reported separately for the group with atopic eczema, the mean age of the patients was about 19 years (range 2 to 73 years), and it is not clear how many were children. |
| 490 | Authors: Flohr C;Williams HC;. Title: Evidence based management of atopic eczema. Journal Name: Archives of Disease in Childhood Education and Practice. Year: 2004 | Narrative review/ educational paper. Used as background information and to check references. |
| 491 | Authors: Foelster-Holst R;Nagel F;Zoellner P;Spaeth D;. Title: Efficacy of crisis intervention treatment with topical corticosteroid prednicarbat with and without partial wet-wrap dressing in atopic dermatitis. Journal Name: Dermatology. Year: 2006 | Case series of 24 people, 4 were aged 6-16 years, but no results were reported separately for children. |
| 492 | Authors: Foti C;Bonifazi E;Casulli C;Bonamonte D;Conserva A;Angelini G;. Title: Contact allergy to topical corticosteroids in children with atopic dermatitis. Journal Name: Contact Dermatitis. Year: 2005 Mar | Caes reports. |
| 493 | Authors: Fredriksson T;Nordin K;. Title: Clobetasone butyrate compared with betamethasone valerate in the treatment of atopic and contact dermatitis. Journal Name: Current Medical Research and Opinion. Year: 1979 | Patients were aged 12-71 years. |
| 494 | Authors: Frichot BC;Zelickson AS;. Title: Steroids, lysosomes and dermatitis. An ultrastructural study. Journal Name: Acta Dermato-Venereologica. Year: 1972 | This publication reports the treatment of 3 individuals with skin conditions (one child), but only in terms of morphological changes to skin, which is not a clinical outcome of interest. |
| 495 | Authors: Gelmetti C;Grimalt R;Del CG;Caputo R;. Title: Tolerability and efficacy of topical budesonide in the treatment of atopic dermatitis in pediatric age. Journal Name: Giornale Italiano di Dermatologia e Venereologia. Year: 1994 | Foreign language paper. |
| 496 | Authors: Giannetti A;Laria G;Seidenari S;. Title: Hydrocortisone 17-butyrate 0.1% (Iocoid)(R) or hydrocortisone acetate 1% ointment in children with atopic dermatitis?. Journal Name: Current Therapeutic Research, Clinical and Experimental. Year: 1984 | The study is a non-randomised comparison of hydrocortisone-17-butyrate and hydrocortisone 1%. A RCT of good quality has been included for this comparison therefore this study of lower evidence level is excluded. |
| 497 | Authors: Goustas P;Cork MJ;Higson D;. Title: Eumovate (clobetasone butyrate 0.05%) cream: A review of clinical efficacy and safety. Journal Name: Journal of Dermatological Treatment. Year: 2003 | Narrative review - used as background information and to check references. |
| 498 | Authors: Granlund H;. Title: Treatment of childhood eczema. Journal Name: Paediatric Drugs. Year: 2002 | Narrative review - used as background information and to check references. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| 499 | Authors: Grater WC;Grover FW;. Title: Evolution of a topical corticosteroid (flumethasone pivalate) in allergic dermatoses. Journal Name: Southern Medical Journal. Year: 1967 Nov | The age of patients ranged from 18 months to 75 years. 63% of the population had atopic eczema. No data were reported separately for children with atopic eczema. |
| 500 | Authors: Gupta AK;Chow M;. Title: Prednicarbate (Dermatop): profile of a corticosteroid. [Review] [23 refs]. Journal Name: Journal of Cutaneous Medicine and Surgery. Year: 2004 Jul | This product is not available in the UK. |
| 501 | Authors: Harper J;. Title: Topical corticosteroids for skin disorders in infants and children. Journal Name: Drugs. Year: 1988 | Narrative review/ educational article, with no references cited. |
| 502 | Authors: Hernanz Hermosa JM;Chavarria ME;Mauleon FC;Valdivielso RM;. Title: Stretch marks. Journal Name: Acta Pediatrica Espanola. Year: 2003 | Foreign language paper, and probably irrelevant. |
| 503 | Authors: Herz G;Yawalkar SJ;Weirich EG;. Title: Evaluation of halometasone ointment in the treatment of paediatric patients with chronic eczematous dermatoses. Journal Name: Journal of International Medical Research. Year: 1983 | Age of the population included in this case series ranged from under 1 year to 16 years (median 7 years). Only 26% had atopic dermatitis, and results were not reported separately for this group. |
| 504 | Authors: Jorizzo J;Levy M;Lucky A;Shavin J;Goldberg G;Dunlap F;Hinds A;Strelka L;Baker M;Tuley M;. Title: Multicenter trial for long-term safety and efficacy comparison of 0.05% desonide and 1% hydrocortisone ointments in the treatment of atopic dermatitis in pediatric patients. Journal Name: Journal of the American Academy of Dermatology. Year: 1995 Jul | This RCT evaluates a product not available in the UK. It would be eligible if it considered adverse effects, as this would provide information about the adverse effects of hydrocortisone. However, adverse effects were not considered and therefore the study is excluded. |
| 505 | Authors: Kataoka Y;. Title: Problems of topical cortiosteroid in caring children's atopic dermatitis. Journal Name: Skin Research. Year: 2004 | Foreign language paper. |
| 506 | Authors: Khobragade KJ;. Title: Efficacy and safety of combination ointment 'fluticasone propionate 0.005% plus mupirocin 2.0%' for the treatment of atopic dermatitis with clinical suspicion of secondary bacterial infection: An open label uncontrolled study. Journal Name: Indian Journal of Dermatology, Venereology and Leprology. Year: 2005 | The age of patients ranged from 3 months to 72 years (mean 13.5 years). The proportion aged under 12 years was not stated, and no data were reported separately for children. |
| 507 | Authors: Krafchik BR;. Title: The use of topical steroids in children. Journal Name: Seminars in Dermatology. Year: 1995 | Narrative review - used as background information and to check references. |
| 508 | Authors: Krasowska D;Lecewicz-Torun B;Wilkowska A;Roszkiewicz J;Siedlewicz A;Rosinska D;Niezurawska G;Cislo M;Blizanowska A;Okrzeja D;. Title: Evaluation of efficacy and safety of fluticasone propionate (cutivate) application in children with atopic dermatitis in the long-term intermittent method. Journal Name: Przegląd Dermatologiczny. Year: 2001 | Foreign language paper |
| 509 | Authors: Kristmundsdottir F;David TJ;. Title: Growth impairment in children with atopic eczema. Journal Name: Journal of the Royal Society of Medicine. Year: 1987 Jan | Not relevant to the topical corticosteroid question but may address the growth impairment question. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 510 | Authors: Lacour J;Crickx B;Dupont C;Fontaine J;Lebranchu Y;Martin L;Navel M;Sautron J;Stalder J;. Title: Management of atopic dermatitis in children. Journal Name: Presse Medicale. Year: 2005 | Publication in French. |
| 511 | Authors: Lane AT;. Title: Efficacy and safety of topical steroids in paediatric atopic dermatitis. Journal Name: Journal of the European Academy of Dermatology and Venereology. Year: 1997 | Narrative review, with only limited references. |
| 512 | Authors: Lebrun-Vignes B;Legrain V;Amoric J;Taieb A;. Title: Comparative study of efficacy and effect on plasma cortisol levels of micronized desonide cream 0.1 p. 100 versus betamethasone dipropionate cream 0.05 p. 100 in the treatment of childhood atopic dermatitis. Journal Name: Annales de Dermatologie et de Venereologie. Year: 2000 | Foreign language paper. |
| 513 | Authors: Leung DYM;Nicklas RA;Li JT;Bernstein IL;Blessing-Moore J;Boguniewicz M;Chapman JA;Khan DA;Lang D;Lee RE;Portnoy JM;Schuller DE;Spector SL;Tilles SA;. Title: Disease management of atopic dermatitis: An updated practice parameter. Journal Name: Annals of Allergy, Asthma, and Immunology. Year: 2004 | Narrative review - used as background information. |
| 513 | Authors: Leung DYM;Nicklas RA;Li JT;Bernstein IL;Blessing-Moore J;Boguniewicz M;Chapman JA;Khan DA;Lang D;Lee RE;Portnoy JM;Schuller DE;Spector SL;Tilles SA;. Title: Disease management of atopic dermatitis: An updated practice parameter. Journal Name: Annals of Allergy, Asthma, and Immunology. Year: 2004 | Narrative review - used as background information. |
| 514 | Authors: Meenan FO;. Title: The treatment of atopic dermatitis with clobetasol propionate. Journal Name: Irish Medical Journal. Year: 1977 Jun | This publication is a short abstract of a study that compared once with twice daily application of clobetasol propionate (not randomised). It is unclear what outcomes were evaluated, or how these were assessed. Duration of applications was also unclear. The abstract lacks sufficient detail. The study was also excluded from the HTA. ⁵¹⁵ |
| 516 | Authors: MIURA Y;HAMASAKA K;SEIJI M;TANAHASHI Y;Okitaka MAIE;HONDA M;HATTORI S;SESOKO R;IWASAKI T;TAKAGI O;YASUDA T;ISHIHARA M;Masatoshi ITOH;KUKITA A;HARADA S;TAKIZAWA K;SASAGAWA S;KANDA Y;FUJINAMI T;SASAKI S;SHIMAO S;ASO M;KANBE N;TAKEDA K;KIMURA H;. Title: A Double-Blind Controlled Study on the Clinical Utility of Topical Fluocortolone -Clinical Research Group for Topical Fluocortolone-. Journal Name: Rinsho Hyoka (Clinical Evaluation). Year: 1977 | Abstract only - also does not address the treatment of atopic eczema. |
| 517 | Authors: Morley N;Fry L;Walker S;. Title: Clinical evaluation of clobetasone butyrate in the treatment of children with atopic eczema, and its effect on plasma corticosteroid levels. Journal Name: Current Medical Research and Opinion. Year: 1976 | The participants were aged 17 years and above, and a variety of skin conditions were included. |
| 518 | Authors: Morren M;Dooms-Goossens A;. Title: Corticosteroid allergy in children: A potential complication of atopic eczema. Journal Name: European Journal of Dermatology. Year: 1994 | Case reports. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 519 | Authors: Morris EC;. Title: Pharmacotherapy of allergic disease. [Review] [18 refs]. Journal Name: Primary Care; Clinics in Office Practice. Year: 1987 Sep | Background information. |
| 520 | Authors: Nilsson EJ;Henning CG;Magnusson J;. Title: Topical corticosteroids and Staphylococcus aureus in atopic dermatitis. Journal Name: Journal of the American Academy of Dermatology. Year: 1992 Jul | Patients aged 2-58 years (median 13 years) were included; the proportion of children aged under 12 years is not stated, and no data are reported separately for children. |
| 521 | Authors: Ortonne J;. Title: Safety aspects of topical methylprednisolone aceponate (MPA) treatment. Journal Name: Journal of Dermatological Treatment. Year: 1992 | Narrative review of topical methylprednisolone aceponate. Product not used in the UK. |
| 522 | Authors: Ott H;Hoger P;. Title: Treatment of atopic eczema in childhood. Journal Name: Padiatrische Praxis. Year: 2004 | Foreign language paper. |
| 523 | Authors: Patel L;Clayton PE;Jenney ME;Ferguson JE;David TJ;. Title: Adult height in patients with childhood onset atopic dermatitis. Journal Name: Archives of Disease in Childhood. Year: 1997 Jun | Does not address the topical corticosteroid question, but will be relevant to the question on growth disturbance. |
| 523 | Authors: Patel L;Clayton PE;Jenney ME;Ferguson JE;David TJ;. Title: Adult height in patients with childhood onset atopic dermatitis. Journal Name: Archives of Disease in Childhood. Year: 1997 Jun | Does not address the topical corticosteroid question, but will be relevant to the question on growth disturbance. |
| 524 | Authors: Peng YS;Shyur SD;Lin HY;Wang CY;. Title: Steroid allergy: report of two cases. Journal Name: Journal of Microbiology, Immunology and Infection. Year: 2001 Jun | Two case reports of allergy to corticosteroids (one systemic, one topical). |
| 525 | Authors: Rampini E;. Title: Methylprednisolone aceponate (MPA) - Use and clinical experience in children. Journal Name: Journal of Dermatological Treatment. Year: 1992 | A comparison of methylprednisolone and prednicarbate creams for the treatment of atopic eczema - neither is available in the UK. |
| 526 | Authors: Rauschkolb EW;Bender SH;Ebling JK;McCormick GE;Rosenthal AL;. Title: Low concentration halcinonide cream in the topical management of atopic dermatitis in pediatric patients. Journal Name: Cutis; cutaneous medicine for the practitioner. Year: 1981 | A report of a study comparing halcinonide cream with placebo - although boys and girls are said to be included, no demographic data are given. The only outcome evaluated was clinical response (whether superior or equal response), therefore there are no useable data. |
| 527 | Authors: Sanabria-Silva E;Laterza AM;Tamayo L;Ruiz-Maldonado R;. Title: Evaluation of rebound phenomenon in children with atopic dermatitis treated with topical corticosteroids. Journal Name: Dermatologand#x00ED;a Revista Mexicana. Year: 1991 | Foreign language paper |
| 528 | Authors: Savin RC;. Title: Halcinonide, a new topical anti-inflammatory steroid. Journal Name: The Journal of international medical research. Year: 1976 | Only 25% of patients had atopic eczema. The age range was 2-72 years; it is not known how many were aged under 12 years, and no results were reported separately for this age group. |
| 529 | Authors: Schachner LA;. Title: A 3-day rate of efficacy of a moderate potency topical steroid in the treatment of atopic dermatitis in infancy and childhood. Journal Name: Pediatric Dermatology. Year: 1996 | Study published as an abstract only; p values quoted for changes in signs and symptoms but not outcome data. |
| 530 | Authors: Schempp CM;Hezel S;Simon JC;. Title: [Topical treatment of atopic dermatitis with Hypericum cream. A randomised, placebo-controlled, double-blind half-side comparison study]. Journal Name: Der Hautarzt; Zeitschrift | Foreign language paper |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| | fur Dermatologie, Venerologie, und verwandte Gebiete. Year: 2003 Mar | |
| 531 | Authors: Schlessinger J;. Title: An open-label adrenal suppression study of 0.1% fluocinonide cream in pediatric patients with atopic dermatitis. Journal Name: Archives of Dermatology. Year: 2006 | Drug not licensed in the UK |
| 532 | Authors: Silverman A;. Title: Fluocinonide vs halcinonide in atopic dermatitis. A paired comparison of two potent topical corticosteroids. Journal Name: Cutis. Year: 1979 Mar | The age range of patients included was 2-70 years (mean 25 years). It is not stated how many children were included, and no data were presented separately for this group. |
| 533 | Authors: Smethurst D;. Title: Atopic eczema.[update in Clin Evid. 2002 Dec;(8):1664-82; PMID: 12603963]. [Review] [55 refs]. Journal Name: Clinical Evidence. Year: 2002 Jun | Background information, and used to check references. |
| 534 | Authors: Srinivasan TN;Suresh TR;Anandan S;. Title: Depression following corticosteroid withdrawal in a child. Journal Name: Indian Journal of Dermatology, Venereology and Leprology. Year: 1990 | Case report. |
| 535 | Authors: Stalder JF;. Title: How to prescribe topical corticosteroids for children?. Journal Name: Journal de Pediatrie et de Puericulture. Year: 1998 | Foreign language paper, which does not appear to be a clinical trial report. |
| 536 | Authors: Tapia AG;. Title: The impact of new topical corticosteroids on the management of atopic dermatitis. Journal Name: Actas Dermo-Sifiliograficas. Year: 2001 | Foreign language review paper. |
| 537 | Authors: Van Coevorden AM;Williams HC;Svensson A;Diepgen TL;Elsner P;Coenraads PJ;. Title: Interventions for hand eczema. Journal Name: Cochrane Database of Systematic Reviews. Year: 2006 | Protocol for a systematic review only |
| 538 | Authors: Vanderploeg DE;. Title: Betamethasone dipropionate ointment in the treatment of psoriasis and atopic dermatitis: a double-blind study. Journal Name: Southern Medical Journal. Year: 1976 Jul | This brief report of an RCT included patients with psoriasis or atopic eczema; no demographic data were reported therefore it is not clear whether any of the patients were children. |
| 539 | Authors: Williams HC;. Title: Twice-weekly topical corticosteroid therapy may reduce atopic dermatitis relapses. Journal Name: Archives of Dermatology. Year: 2004 Sep | This publication is commentary on a study that included those young people and adults 12-65 years of age. |
| 540 | Authors: Wolkerstorfer A;Visser RL;De Waard van der Spek FB;Mulder PG;Oranje AP;. Title: Efficacy and safety of wet-wrap dressings in children with severe atopic dermatitis: influence of corticosteroid dilution. Journal Name: The British journal of dermatology. Year: 2000 Nov | Excluded from the topical corticosteroid question but included in the bandages question. |
| 541 | Authors: Wolthers OD;Heuck C;Ternowitz T;Heickendorff L;Nielsen HK;Frystyk J;. Title: Insulin-like growth factor axis, bone and collagen turnover in children with atopic dermatitis treated with topical glucocorticosteroids. Journal Name: Dermatology. Year: 1996 | Budesonide cream is evaluated, which is not available in the UK. |
| 542 | Authors: Wong VK;Della CC;Schonfeld S;Mastrangelo AM;Lebwohl M;. Title: Use and abuse of topical corticosteroids in infections of the skin and related structures. | Narrative review/ opinion. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|----------------------------|
| | [Review] [64 refs]. Journal Name: Journal of Drugs in Dermatology: JDD. Year: 2003 Jun | |

Topical calcineurin inhibitors

| Reference ID | Bibliographic information | Reason for rejecting |
|--------------|---|---|
| 543 | Simon D. Title: Benefits from the use of a pimecrolimus-based treatment in the management of atopic dermatitis in clinical practice. Analysis of a Swiss cohort. 2006 | Children and adults in study. Data not rep separately for children. |

| Reference ID | Bibliographic Information | Reason For Rejecting |
|--------------|--|---|
| 397 | Title: Childhood atopic eczema consensus document Authors: Manjra AI;du PP;Weiss R;Motala CM;Potter PC;Raboobee N;Ndlova N;Davis M;Weinberg EG; Journal: South African Medical Journal Year: 2005 | Consensus statement from a South African group - used as background information. |
| 513 | Title: Disease management of atopic dermatitis: An updated practice parameter Authors: Leung DYM;Nicklas RA;Li JT;Bernstein IL;Blessing-Moore J;Boguniewicz M;Chapman JA;Khan DA;Lang D;Lee RE;Portnoy JM;Schuller DE;Spector SL;Tilles SA; Journal: Annals of Allergy, Asthma, and Immunology Year: 2004 | Narrative review - background information. |
| 544 | Title: Tacrolimus ointment 0.03% shows efficacy and safety in pediatric and adult patients with mild to moderate atopic dermatitis Authors: Chapman MS;Schachner LA;Breneman D;Boguniewicz M;Gold MH;Shull T;Linowski GJ;Jaracz E;US Tacrolimus Ointment Study Group.; Journal: Journal of the American Academy of Dermatology Year: 2005 Aug | This study is a pooled analysis of two vehicle-controlled RCTs, one in children and one in adults. All results are pooled. The source of the original trial data is also not referenced, but the study in children is possibly Schachner 2005. ⁵⁴⁵ |
| 546 | Title: Safe treatment of head/neck AD with tacrolimus ointment Authors: Kang S;Paller A;Soter N;Satoi Y;Rico MJ;Hanifin JM; Journal: Journal of Dermatological Treatment Year: 2003 Jun | In this report data from two studies (one in adults, 1 in children) are pooled. We have included the study in children already ⁵⁴⁷ therefore this pooled analysis does not provide further information. |
| 548 | Title: Tacrolimus ointment is more effective than pimecrolimus cream with a similar safety profile in the treatment of atopic dermatitis: results from 3 randomized, comparative studies Authors: Paller AS;Lebwohl M;Fleischer AB;Antaya R;Langley RG;Kirsner RS;Blum RR;Rico MJ;Jaracz E;Crowe A;Linowski GJ;US/Canada Tacrolimus Ointment Study Group.; Journal: Journal of the American Academy of Dermatology Year: 2005 May | In this report data from three studies (one in adults, two in children) are pooled to provide one summary statistic for all ages for each outcome. The source of the original trial data is not referenced. |
| 549 | Title: Effect of pimecrolimus cream 1% on the long-term course of pediatric atopic dermatitis Authors: Papp K;Staab D;Harper J;Potter P;Puig L;Ortonne JP;Molloy S;Barbier N;Paul C;Multicentre Investigator Study Group.; Journal: International Journal of Dermatology Year: 2004 Dec | This report is a pooled analysis of RCTs already considered in the guideline (Wahn 2002 ⁵⁵⁰ and Kapp 2002 ⁵⁵¹). No new data are presented in this report therefore it is excluded. |

| Reference ID | Bibliographic Information | Reason For Rejecting |
|--------------|--|---|
| 552 | Title: Treatment of infants with atopic eczema with pimecrolimus cream 1% improves parents' quality of life: a multicenter, randomized trial Authors: Staab D;Kaufmann R;Brautigam M;Wahn U; Journal: Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology Year: 2005 Sep | This RCT is only published as an abstract. |
| 553 | Title: A multicenter trial of the efficacy and safety of 0.03% tacrolimus ointment for atopic dermatitis in Korea Authors: Won CH;Seo PG;Park YM;Yang JM;Lee KH;Sung KJ;Park CW;Kim DW;Chang HS;Won YH;Kim KH; Journal: Journal of Dermatological Treatment Year: 2004 Jan | This study includes 180 adults and children age 2-57 years, treated with tacrolimus for 4 weeks. The mean age is 19 years, and the proportion of children aged under 12 years is not stated, and no results are presented for this age group. |
| 554 | Title: Efficacy and safety of tacrolimus ointment monotherapy in chinese children with atopic dermatitis Authors: Yeung CK;Ma KC;Chan HH; Journal: Skinmed Year: 2006 Jan | Small case series evaluating 4 weeks' use of tacrolimus ointment - we have evidence of higher level for this product, used for longer durations. |
| 555 | Title: Safety and tolerability of 1% pimecrolimus cream among infants: experience with 1133 patients treated for up to 2 years. [56 refs] Authors: Paul C;Cork M;Rossi AB;Papp KA;Barbier N;De PY; Journal: Pediatrics Year: 2006 Jan | Narrative review - used to check references. |

Antihistamines and antipruritics

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| 556 | Authors: . Title: Oral antihistamines for allergic disorders. Journal Name: Drug and Therapeutics Bulletin. Year: 2002 | Narrative review -background information. |
| 557 | Authors: Anon. Title: Doxepin cream for eczema?. Journal Name: DTB. Year: 2000 | Review of a cream that is only available for adults and children over 12 years. |
| 558 | Authors: Berth-Jones J;Graham-Brown RA;. Title: Failure of terfenadine in relieving the pruritus of atopic dermatitis.[see comment]. Journal Name: British Journal of Dermatology. Year: 1989 Nov | Age range 11 to 67 years, but mean age 28.6 years. |
| 559 | Authors: Chae KM;Tharp MD;. Title: Use and safety of antihistamines in children. Journal Name: Dermatologic Therapy. Year: 2000 | Narrative review - background information only. |
| 560 | Authors: Curran MP;Scott LJ;Perry CM;. Title: Cetirizine: a review of its use in allergic disorders. Journal Name: Drugs. Year: 2004 | Narrative review - used as background information and to check reference list. |
| 561 | Authors: Eysenbach G;Williams H;Diepgen TL;. Title: Antihistamines for atopic eczema. Journal Name: Cochrane Database of Systematic Reviews. Year: 2006 | Protocol only, and will include patients of all ages |
| 562 | Authors: Freitag G;Hoppner T;. Title: Results of a postmarketing drug monitoring survey with a polidocanolurea preparation for dry, itching skin. Journal Name: Current Medical Research and Opinion. Year: 1997 | Case series ('drug monitoring survey') of 1611 cases, mean age 22.3 years; 81 were aged under 6 years, and 140 aged 6-16 years. Overall, 48% had atopic eczema. Results were not presented separately for children with atopic eczema. Also, details were lacking regarding how often and how much of the emollient was used. 'Polidocanolurea' refers to a product containing urea 5% and laurylmacrogol 3%. |
| 563 | Authors: Herman SM;Vender RB;. Title: Antihistamines in the Treatment of Atopic Dermatitis. Journal Name: Journal of Cutaneous Medicine and Surgery. Year: 2003 | Narrative review covering adults and children - background information. |
| 564 | Authors: Imaizumi A;Kawakami T;Murakami F;Soma Y;Mizoguchi M;. Title: Effective treatment of pruritus in atopic dermatitis using H1 antihistamines (second-generation antihistamines): changes in blood histamine and tryptase levels. Journal Name: Journal of Dermatological Science. Year: 2003 Oct | Mean age 24 years (range 14-54). |
| 565 | Authors: Markham A;Goa KL;. Title: Ketotifen. A review of its therapeutic efficacy in dermatological disorders. Journal Name: Clinical Immunotherapeutics. Year: 1996 | Narrative review - background information, and used to check reference list. |
| 566 | Authors: Ones U;Tamay Z;. Title: New oral antihistamines in pediatrics and safety of antihistamines in children. Journal Name: Current Medicinal Chemistry - Anti-Inflammatory and Anti-Allergy Agents. Year: 2005 | Narrative review - background information |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| 567 | Authors: Phillips RL;Koenig CJ;. Title: Antihistamines for atopic dermatitis. Journal Name: Journal of Family Practice. Year: 2000 Mar | This publication is a synopsis of a review, which covered antihistamines for atopic eczema in children aged 11 and above, and in adults. Therefore outside the age range of this guideline. |
| 568 | Authors: Shanon A;Feldman W;Leikin L;Pong AH;Peterson R;Williams V;. Title: Comparison of CNS adverse effects between astemizole and chlorpheniramine in children: a randomized, double-blind study. Journal Name: Developmental Pharmacology and Therapeutics. Year: 1993 | Children with allergic rhinitis or hayfever were included - those with atopic eczema were excluded. |
| 569 | Authors: Simons FE;Simons KJ;Becker AB;Haydey RP;. Title: Pharmacokinetics and antipruritic effects of hydroxyzine in children with atopic dermatitis. Journal Name: Journal of Pediatrics. Year: 1984 Jan | This study focused on pharmacokinetic outcomes after administration of a single dose of hydroxyzine (n=12, aged 1-14 yrs). |
| 570 | Authors: Simons FE;the ETAC Study Group;. Title: Population pharmacokinetics of levocetirizine in very young children: the pediatricians' perspective. Journal Name: Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology. Year: 2005 Mar | No clinical outcomes reported. This only reported pharmacokinetic data from the ETAC study. |
| 560 | Authors: Curran MP;Scott LJ;Perry CM;. Title: Cetirizine: a review of its use in allergic disorders. Journal Name: Drugs. Year: 2004 | Narrative review - used as background information and to check reference list. |
| 562 | Authors: Freitag G;Hoppner T;. Title: Results of a postmarketing drug monitoring survey with a polidocanolurea preparation for dry, itching skin. Journal Name: Current Medical Research and Opinion. Year: 1997 | Case series ('drug monitoring survey') of 1611 cases, mean age 22.3 years; 81 were aged under 6 years, and 140 aged 6-16 years. Overall, 48% had atopic eczema. Results were not presented separately for children with atopic eczema. Also, details were lacking regarding how often and how much of the emollient was used. |
| 569 | Authors: Simons FE;Simons KJ;Becker AB;Haydey RP;. Title: Pharmacokinetics and antipruritic effects of hydroxyzine in children with atopic dermatitis. Journal Name: Journal of Pediatrics. Year: 1984 Jan | This study focused on pharmacokinetic outcomes after administration of a single dose of hydroxyzine (n=12, aged 1-14 yrs). |
| 570 | Authors: Simons FE;the ETAC Study Group;. Title: Population pharmacokinetics of levocetirizine in very young children: the pediatricians' perspective. Journal Name: Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology. Year: 2005 Mar | No clinical outcomes reported. This only reported pharmacokinetic data from the ETAC study. |

Infections associated with atopic eczema

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 571 | Authors: Bibel DJ;. Title: Staphylococcus aureus and the microbial ecology of atopic dermatitis. Journal Name: Canadian Journal of Microbiology. Year: 1977 Aug | Adult and children's data combined No clinical infection data |
| 572 | Authors: Blattner RJ;. Title: Molluscum contagiosum: eruptive infection in atopic dermatitis. [12 refs]. Journal Name: Journal of Pediatrics. Year: 1967 Jun | Review, no new literature. |
| 573 | Authors: Bonifazi E;. Title: Role of some infectious agents in atopic dermatitis. Journal Name: Acta Dermato-Venereologica. Year: 1985 | General review |
| 574 | Authors: Bork K;. Title: Increasing incidence of eczema herpeticum: analysis of seventy-five cases. Journal Name: Journal of the American Academy of Dermatology. Year: 1988 Dec | Adult and children data combined |
| 575 | Authors: Chavigny JM;. Title: Effect of an emollient cream on microbial colonisation in patients with atopic dermatitis. Journal Name: Nouvelles Dermatologiques. Year: 1998 | No clinical infection data |
| 576 | Authors: Cortigiani L;. Title: Presentation of a case of herpeticum eczema arised in an infant. Journal Name: Giornale di Malattie Infettive e Parassitarie. Year: 1989 | Italian language |
| 577 | Authors: David TJ;. Title: Infection and prevention: current controversies in childhood atopic eczema: a review. [29 refs]. Journal Name: Journal of the Royal Society of Medicine. Year: 1989 Jul | general review paper (1989) |
| 578 | Authors: Espana A;. Title: Eczema herpeticum in childhood. Journal Name: Acta Pediatrica Espanola. Year: 1992 | Spanish language |
| 579 | Authors: Ewing CI;. Title: Death from eczema herpeticum in a child with severe eczema, mental retardation and cataracts. Journal Name: Journal of the Royal Society of Medicine. Year: 1989 Mar | 16 year old case report |
| 580 | Authors: Fleischer AB;. Title: Tacrolimus ointment for the treatment of atopic dermatitis is not associated with an increase in cutaneous infections.[see comment]. Journal Name: Journal of the American Academy of Dermatology. Year: 2002 Oct | |
| 581 | Authors: Goodyear HM;. Title: Immunological studies of herpes simplex virus infection in children with atopic eczema. Journal Name: British Journal of Dermatology. Year: 1996 Jan | mechanisms paper |
| 582 | Authors: Hanifin JM;. Title: Staphylococcal colonization, infection, and atopic dermatitis - Association not etiology. Journal Name: Journal of Allergy and Clinical Immunology. Year: 1986 | general review |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| 583 | Authors: Higaki S;. Title: Efficacy of Shiunko for the treatment of atopic dermatitis. Journal Name: Journal of International Medical Research. Year: 1999 May | 2/7 participants under 12 No clinical infection data |
| 584 | Authors: Hon KL;Leung TF;Wong;. Title: Skin diseases in Chinese children at a pediatric dermatology center. Journal Name: Pediatric Dermatology. Year: 2004 Mar | No clinical infection data |
| 585 | Authors: Strategos J.. Title: Fusidic acid-betamethasone combination in infected eczema: an open, randomized comparison with gentamicin-betamethasone combination.. Journal Name: Pharmatherapeutica. Year: 1986 | Adult and data combined with no indication how many of the 5 atopic eczema patients were children. N=9 children in total. |
| 586 | Authors: Parish LC; Jorizzo JL; Breton JJ; Hirman JW; Scangarella NE; Shawar RH; White SM.. Title: Topical retapamulin ointment (1%w/wt) twice daily for 5 days versus oral cephalexin twice daily for 10 days in the treatment of secondarily infected dermatitis: results of a randomized controlled trial.. Journal Name: J Am Acad Dermatol. Year: 2006 | Adult and child data combined Data of different types of dermatitis combined. |
| 587 | Authors: Larsen S; Simonsen L; Melgaard A; Wendicke K; Henriksen AS.. Title: An efficient new formulation of fusidic acid and betamethasone 17-valerate (Fucicort) lipid cream) for treatment of clinically infected atopic dermatitis.. Journal Name: Acta Derm Venereol. Year: 2007 | Participants were 6 years and above but mean age was mid 20's with no individual data for children. |
| 588 | Authors: Antimicrobial silk clothing in the treatment of atopic dermatitis proves comparable to topical corticosteroid treatment.. Title: Senti G; Steinmann LS; Fischer B; Kurmann R; storni T; Johansen P; Schmid-Grendelmeier; Wuthrich B; Kundig TM.. Journal Name: Dermatol. Year: 2006 | no infection or bacterial colonisation data |
| 589 | Authors: Gong JQ; Lin L; Lin T; Hao F; Zeng FQ; Bi ZG; Yi D; Zhao B.. Title: Skin colonization by Staphylococcus aureus in patients with eczema and atopic dermatitis and relevant combined topical therapy: a double-blind multicentre randomized controlled trial.. Journal Name: Br J Dermatol. Year: 2006 | A colonisation as opposed to infection plus treatment paper but mixed adult/child data. |
| 590 | Authors: Kim KH;Hwang JH;ark KC;. Title: Periauricular eczematization in childhood atopic dermatitis. Journal Name: Pediatric Dermatology. Year: 1996 Jul | No clinical infection data |
| 591 | Authors: Leung DYM;. Title: Infection in atopic dermatitis. Journal Name: Current Opinion in Pediatrics. Year: 2003 | General review |
| 592 | Authors: McKnight JT;. Title: Dermatologic manifestations of giardiasis.. Journal Name: Journal of the American Board of Family Practice. Year: 1992 Jul | Adult data gut infection |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|--|
| 593 | Authors: Merishita Y;. Title: Possible influences of Staphylococcus aureus on atopic dermatitis - The colonizing features and the effects of staphylococcal enterotoxins. Journal Name: Clinical and Experimental Allergy. Year: 1999 | No clinical infection data |
| 594 | Authors: Michie CA;. Title: Atopic dermatitis and staphylococcal superantigens. Journal Name: Lancet. Year: 1996 Feb 3 | mostly adult data combinedwith childrens No clinical infection data |
| 595 | Authors: Minak JG;. Title: Treatment of forms of infantile dermatitis with a multi-purpose drug combination. Journal Name: Current Therapeutic Research, Clinical and Experimental. Year: 1984 | No clinical infection data |
| 596 | Authors: Morishita Y;. Title: Possible influences of Staphylococcus aureus on atopic dermatitis-- the colonizing features and the effects of staphylococcal enterotoxins. Journal Name: Clinical and Experimental Allergy. Year: 1999 Aug | No clinical infection data |
| 597 | Authors: Nakabayashi A;. Title: Identification of Malassezia species isolated from patients with seborrhoeic dermatitis, atopic dermatitis, pityriasis versicolor and normal subjects. Journal Name: Medical Mycology. Year: 2000 Oct | No clinical infection data |
| 598 | Authors: Nasemann TRK;. Title: Treatment of secondary infected atopic dermatitis of the scalp in children. Journal Name: Zeitschrift fur Hautkrankheiten. Year: 1992 | German language |
| 599 | Authors: Park CW;. Title: Tacrolimus reduces staphylococcal colonization on the skin in Korean atopic dermatitis patients. Journal Name: Drugs Under Experimental and Clinical Research. Year: 2005 | No clinical infection data |
| 600 | Authors: Park J;. Title: Staphylococcal scalded skin syndrome, review of 20 cases. Journal Name: Korean Journal of Dermatology. Year: 2002 | Chinese language |
| 601 | Authors: Rincon S;. Title: Malassezia yeast species isolated from patients with dermatologic lesions. Journal Name: Biomedica. Year: 2005 Jun | adult and child data combined No clinical infection data |
| 602 | Authors: Roll A;. Title: Microbial colonization and atopic dermatitis. Journal Name: Current Opinion in Allergy and Clinical Immunology. Year: 2004 | |
| 603 | Authors: Roncero M;. Title: Varicella in a patient with atopic dermatitis treated with topical antihistamines. Journal Name: Acta Pediatrica Espanola. Year: 2002 | Spanish language |
| 604 | Authors: Ronnerfalt L;. Title: EMLA cream provides rapid pain relief for the curettage of molluscum contagiosum in children with atopic dermatitis without causing serious application-site reactions. Journal Name: Pediatric | Outcomne measure pain not infection |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|--|
| | Dermatology. Year: 1998 Jul | |
| 605 | Authors: Schempp CM;. Title: Topical treatment of atopic dermatitis with St. John's wort cream--a randomized, placebo controlled, double blind half-side comparison. Journal Name: Phytomedicine : international journal of phytotherapy and phytopharmacology. Year: 2003 | No clinical infection data |
| 606 | Authors: Shibuya-Masuya E;Kitagawa;. Title: Simultaneous bilateral occurrence of herpes simplex virus keratoconjunctivitis in patients with atopic dermatitis. Journal Name: Folia Ophthalmologica Japonica. Year: 2005 | Chinese language |
| 607 | Authors: Svejgaard E;. Title: Recent investigations on the relationship between fungal skin diseases and atopic dermatitis.. Journal Name: Acta Dermato-Venereologica. Year: 1989 | General paper on fungal infection |
| 608 | Authors: Williams JV;Eichenfield LF;Burke BL;Barnes-Eley;. Title: Prevalence of scalp scaling in prepubertal children. Journal Name: Pediatrics. Year: 2005 Jan | No clinical infection data |
| 609 | Authors: . Title: Antibiotic therapy in atopic dermatitis. Journal Name: European Journal of Pediatric Dermatology. Year: 1996 | General review |
| 610 | Authors: Abdel AH;Abdallah MA;skandar IO;alama NR;. Title: Clinical experience with 0.05% halometasone/1% triclosan cream in the treatment of acute infected and infection-prone eczema in Egypt. Journal Name: Journal of International Medical Research. Year: 1987 Nov | No individual data for children |
| 611 | Authors: Akiyama H;. Title: Changes in Staphylococcus aureus density and lesion severity after topical application of povidone-iodine in cases of atopic dermatitis. Journal Name: Journal of Dermatological Science. Year: 1997 Nov | Adult data predominantly No clinical infection data |
| 612 | Authors: Akiyama H;. Title: Topical use of hinokitiol ointment in atopic dermatitis patients - With special reference to colony count of Staphylococcus aureus on the surfaces of atopic dermatitis. Journal Name: Chemotherapy. Year: 1994 | Chinese language |
| 613 | Authors: Allen HB;. Title: Scaling scalp diseases in children. Journal Name: Clinical Pediatrics. Year: 1983 May | No clinical infection data |
| 614 | Authors: Aly R;. Title: Microbial flora of atopic dermatitis. Journal Name: Archives of Dermatology. Year: 1977 Jun | No clinical infection data |
| 615 | Authors: Aoki T;. Title: Parents' evaluation of povidone iodine disinfection treatment in atopic dermatitis under 10 years of age. Journal Name: Skin Research. Year: | Chinese language |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|--|
| | 2005 | |
| 616 | Authors: Arima Y;. Title: Antibacterial effect of beta-thujaplicin on staphylococci isolated from atopic dermatitis: relationship between changes in the number of viable bacterial cells and clinical improvement in an eczematous lesion of atopic dermatitis. Journal Name: Journal of Antimicrobial Chemotherapy. Year: 2003 Jan | Adult data Invitro tests |
| 617 | Authors: Brehler RBS;. Title: Atopic dermatitis: The role of Pityrosporum ovale. Journal Name: Journal of the European Academy of Dermatology and Venereology. Year: 2001 | general review |
| 618 | Authors: Buka RL;. Title: Etanercept is minimally effective in 2 children with atopic dermatitis [7]. Journal Name: Journal of the American Academy of Dermatology. Year: 2005 | No clinical infection data |
| 619 | Authors: Bundino S;ina AM;arberis;. Title: Evaluation of josamycin in skin infections due to Gram positive in children with atopic eczema. Journal Name: Giornale Italiano di Dermatologia e Venereologia. Year: 1993 | Italian paper |
| 620 | Authors: Carpenter CL;Jolly HW;McCormick GE;Schneiderman RN;Thompson JG;. Title: Combined steroid-antiinfective topical therapy in common dermatoses: a double-blind, multi-center study of iodochlorhydroxyquin-hydrocortisone in 277 patients. Journal Name: Current Therapeutic Research, Clinical and Experimental. Year: 1973 Sep | No atopic eczema |
| 621 | Authors: Celedon JC;. Title: Use of antibacterials in infancy: clinical implications for childhood asthma and allergies. [41 refs]. Journal Name: Treatments in Respiratory Medicine. Year: 2004 | General antibacterial review paper |
| 622 | Authors: Darmstadt GL;. Title: Oral antibiotic therapy for uncomplicated bacterial skin infections in children. Journal Name: Pediatric Infectious Disease Journal. Year: 1997 | General review |
| 623 | Authors: Erdmann SM;. Title: Mollusca contagiosa in an infant with atopic eczema. A therapeutic challenge. Journal Name: Hautarzt. Year: 2004 | German language |
| 624 | Authors: Gross G;. Title: Systemic treatment of mollusca contagiosa with inosiplex. Journal Name: Acta Dermato-Venereologica. Year: 1986 | inoslex is an immunostimulant not an antimicrobial |
| 625 | Authors: Holland KT;Bojar RA;Cunliffe WJ;. Title: A comparison of the effect of treatment of atopic eczema with and without antimicrobial compounds. Journal Name: Round Table Series - Royal Society of Medicine. Year: | No clinical infection data |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|---|---|
| | 1995 | |
| 626 | Authors: Kryazheva SS;Ebralidze LK;Maltseva NN;Khamaganova IV;. Title: Generalized herpes simplex in a child suffering from atopic dermatitis. Journal Name: Vestnik Dermatologii i Venerologii. Year: 1991 | Greek language |
| 627 | Authors: Lear JT;English JSC;Jones;. Title: Retrospective review of the use of azathioprine in severe atopic dermatitis. Journal Name: Journal of the American Academy of Dermatology. Year: 1996 | adult and child data combined No clinical infection data |
| 628 | Authors: Leung DY;. Title: Infection in atopic dermatitis.. Journal Name: Current Opinion in Pediatrics. Year: 2003 Aug | |
| 629 | Authors: Lever R;. Title: Clinical features of staphylococcal colonization in atopic dermatitis. Journal Name: Round Table Series - Royal Society of Medicine. Year: 1995 | general paper |
| 630 | Authors: Lever R;. Title: Staphylococcal colonization in atopic dermatitis and the effect of topical mupirocin therapy. Journal Name: British Journal of Dermatology. Year: 1988 Aug | Adult and child data combined No clinical infection data |
| 631 | Authors: Mentasti G;. Title: Treatment of skin lesions in children with a combination of a corticosteroid, an antibacterial and an antifungal agent. Journal Name: Clinical Trials Journal. Year: 1985 | Only 10 AE children- no details of infection. No details of relevant outcomes. Universal results and conclusions. |
| 632 | Authors: Munoz-Perez MA;. Title: Acanthosis nigricans: a new cutaneous sign in severe atopic dermatitis and Down syndrome.[see comment]. Journal Name: Journal of the European Academy of Dermatology and Venereology. Year: 2001 Jul | Not infection |
| 633 | Authors: Nakata K;. Title: A high incidence of Staphylococcus aureus colonization in the external eyes of patients with atopic dermatitis. Journal Name: Ophthalmology. Year: 2000 Dec | No clinical infection data |
| 634 | Authors: Novak N;. Title: The role of infections in atopic dermatitis. Journal Name: Revue Francaise d Allergologie et d Immunologie Clinique. Year: 2005 | General review |
| 635 | Authors: Ogawa T;. Title: Comparative study of staphylococcal flora on the skin surface of atopic dermatitis patients and healthy subjects. Journal Name: Journal of Dermatology. Year: 1994 Jul | No clinical infection data |
| 636 | Authors: oz-Perez MA;. Title: Acanthosis nigricans: A new cutaneous sign in severe atopic dermatitis and Down syndrome. Journal Name: Journal of the European | Not infection |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| | Academy of Dermatology and Venereology. Year: 2001 | |
| 637 | Authors: Ravenscroft JC;Layton AM;Eady EA;Murtagh MS;Coates;. Title: Short-term effects of topical fusidic acid or mupirocin on the prevalence of fusidic acid resistant (FusR) Staphylococcus aureus in atopic eczema. Journal Name: British Journal of Dermatology. Year: 2003 May | adult and children data |
| 638 | Authors: Roll A;. Title: Microbial colonization and atopic dermatitis. [48 refs]. Journal Name: Current Opinion in Allergy and Clinical Immunology. Year: 2004 Oct | general review |
| 639 | Authors: Schmid-Grendelmeier P;. Title: The role of sensitization to Malassezia sympodialis in atopic eczema. Journal Name: Chemical Immunology and Allergy. Year: 2006 | Effect of microorganism on flare |
| 640 | Authors: Schmidt KU;. Title: Eczema herpeticum - diagnosis and therapy. Journal Name: Notfall Medizin. Year: 1985 | German language |
| 641 | Authors: Sugimoto K;. Title: New successful treatment with disinfectant for atopic dermatitis. Journal Name: Dermatology. Year: 1997 | No ages given most likely adult data |
| 642 | Authors: Sugimoto K;. Title: The importance of bacterial superantigens produced by Staphylococcus aureus in the treatment of atopic dermatitis using povidone-iodine. Journal Name: Dermatology. Year: 2006 | I am unsure about this paper |
| 643 | Authors: Sugimoto K;. Title: The importance of disinfection therapy using povidone-iodine solution in atopic dermatitis. Journal Name: Dermatology. Year: 2002 | I am not sure about this paper |
| 644 | Authors: Svejgaard E;. Title: The role of microorganisms in atopic dermatitis. Journal Name: Seminars in Dermatology. Year: 1990 | General review |
| 645 | Authors: Wollenberg A;. Title: Predisposing factors and clinical features of eczema herpeticum: A retrospective analysis of 100 cases. Journal Name: Journal of the American Academy of Dermatology. Year: 2003 | Adult and children's data combined |
| 646 | Authors: Yoshikawa K;. Title: Clinical evaluation of children's skin care product containing beta-thujaplicin (Hinokitiol). Study for safety und usefulness of bean stalk series (BS-1210): Body shampoo, oil and medicated cream. Journal Name: Skin Research. Year: 1995 | Chinese language |
| 647 | Authors: Zabawski EJ;Cockerell CJ;Kahn MA;Greg LJ;. Title: Treatment of atopic dermatitis with zafirlukast. Journal Name: Dermatology Online Journal. Year: 1999 | adult data No clinical infection data |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 530 | Authors: Schempp CM; Simon JC;. Title: Behandlung der subakuten atopischen Dermatitis mit Johanniskraut-Crème. Journal Name: Hautarzt. Year: 2003 | German language |
| 648 | Authors: Ramsay CA;Savoie JM;Gilbert M; Gidon M; Kidson P;. Title: The treatment of atopic dermatitis with topical fusidic acid and hydrocortisone acetate. Journal Name: J Euro Acad Dermatol Venereol. Year: 1996 | adult/child combined data bacterial counts only No clinical infection data |
| 48 | Authors: Breneman DL; Hanifin JM; Berge CA; Keswick BH; Neumann PB;. Title: The effect of antibacterial soap with 1.5% triclocarban on Staphylococcus aureus in patients with atopic dermatitis. Journal Name: CUTIS. Year: 2000 | No ages, probably adults bacterial counts only No clinical infection data |
| 649 | Authors: Higaki S; Kitagawa T; Morohashi M; Yamagishi T;. Title: Efficacy of Shiunko for the treatment of atopic dermatitis. Journal Name: J International Med Res. Year: 1999 | 2/7 participants under 12 No clinical infection data |
| 650 | Authors: Harper J;. Title: Double-blind comparison of an antiseptic oil-based bath additive (Oilatum Plus) with regular Oilatum (Oilatum Emollients) for the treatment of atopic eczema. Journal Name: Round table Series. Year: 1995 | No clinical infection data |
| 520 | Authors: Nilsson EJ; Henning CG; Magnusson J;. Title: Topical cortisosteroids and Staphylococcus aureus in atopic dermatitis. Journal Name: J Am Acad Dermatol. Year: 1992 | No clinical infection data |
| 506 | Authors: Khobragade KJ;. Title: Efficacy and safety of combination ointment " fluticasone proionate 0.005% plus mupirocon 2.0% " fo the treatment of atopic dermatitis with clinical suspicion of secondary bacterial infection: an open label uncontrolled study. Journal Name: Indian J Dermatol Venereol Leprol. Year: 2005 | adult and child data is combined no infection details or outcome measures |
| 651 | Authors: Whitefield M;. Title: Effectiveness of a new antimicrobial emollient in the management of eczema/dermatitis. Journal Name: J Dermatol Treat. Year: 1998 | Invitro work with microbes from healthy patients |
| 652 | Authors: Stalder JF; Fleury M; Sourisse M; Rostin M; Pheline F; Litoux P;. Title: Local steroid therapy and bacterial skin flora in atopic dermatitis. Journal Name: Br J Dermatol. Year: 1994 | No clinical infection data |
| 653 | Authors: Ling TC; Hight AS;. Title: Irritant reactions to an antiseptic bath emollient. Journal Name: J Dermatol Treat. Year: 2000 | No infection data. Included in emollient section. |

Management of flares

| Reference ID | Bibliographic Information | Reason For Rejecting |
|--------------|--|---|
| 654 | Title: Atopic dermatitis: the concept of flare factors Authors: Dahl MV; Journal: Southern Medical Journal Year: 1977 Apr | More relevant to questions regarding trigger factors. |
| 655 | Title: Clinical dose and adverse effects of topical steroids in daily management of atopic dermatitis Authors: Furue M;Terao H;Rikihisa W;Urabe K;Kinukawa N;Nose Y;Koga T; Journal: British Journal of Dermatology Year: 2003 Jan | This study is included in the topical corticosteroid section. It does not contain data relevant to the questions on flares. |
| 508 | Title: Evaluation of efficacy and safety of fluticasone propionate (cutivate) application in children with atopic dermatitis in the long-term intermittent method Authors: Krasowska D;Lecewicz-Torun B;Wilkowska A;Roszkiewicz J;Siedlewicz A;Rosinska D;Niezurawska G;Cislo M;Blizanowska A;Okrzeja D; Journal: Przegląd Dermatologiczny Year: 2001 | Only the abstract was in English. |
| 539 | Title: Twice-weekly topical corticosteroid therapy may reduce atopic dermatitis relapses Authors: Williams HC; Journal: Archives of Dermatology Year: 2004 Sep | This is a commentary on a RCT which is included in the guideline. ⁴⁶⁸ Useful for background information. |
| 656 | Title: Worldwide variations in the prevalence of symptoms of atopic eczema in the International Study of Asthma and Allergies in Childhood.[see comment] Authors: Williams H;Robertson C;Stewart A;it-Khaled N;Anabwani G;Anderson R;Asher I;Beasley R;Bjorksten B;Burr M;Clayton T;Crane J;Ellwood P;Keil U;Lai C;Mallol J;Martinez F;Mitchell E;Montefort S;Pearce N;Shah J;Sibbald B;Strachan D;von ME;Weiland SK; Journal: Journal of Allergy and Clinical Immunology Year: 1999 Jan | No data reported regarding flares - prevalence only. |
| 657 | Title: Staphylococcal infections in patients with atopic dermatitis Authors: Hanifin JM; Journal: Archives of Dermatology Year: 1977 | Study more relevant to the infections section than to flares. |
| 658 | Title: An overview of atopic dermatitis. Authors: Hanifin JM; Journal: Dermatology Nursing Year: 2003 | Narrative review - no information/citations specific to identifying or managing flares. |

| Reference ID | Bibliographic Information | Reason For Rejecting |
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| 659 | Title: When parents fear the use of topical steroids Authors: Loughnane J; Journal: World of Irish Nursing Year: 2004 | Case study use to illustrate the author's opinion of how to optimise topical treatment for atopic eczema. No references cited. |
| 660 | Title: Provocation factors of atopic eczema in childhood - A questionnaire-based survey Authors: Rosch A; Journal: Allergo Journal Year: 2004 | Only the abstract was published in English. Additionally this study is more relevant to the trigger factors question than to flares. |
| 661 | Title: Factors influencing atopic dermatitis-a questionnaire survey of schoolchildren's perceptions Authors: Williams JR; Burr ML; Williams HC; Journal: British Journal of Dermatology Year: 2004 | More relevant to the trigger factors questions than the flares questions. |

Phototherapy and systemic treatments

| Reference ID | Bibliographic Information | Reason For Rejecting |
|--------------|---|---|
| 525 | Title: Methylprednisolone aceponate (MPA) - Use and clinical experience in children Authors: Rampini E; Journal: Journal of Dermatological Treatment Year: 1992 | This trial evaluated topical not systemic corticosteroid use. |
| 627 | Title: Retrospective review of the use of azathioprine in severe atopic dermatitis Authors: Lear JT;English JSC;Jones; Journal: Journal of the American Academy of Dermatology Year: 1996 | This retrospective case note review included 35 patients (children and adults); the proportion of children was not stated and no data were reported separately for them. |
| 662 | Title: Cyclosporine restores cytokine imbalance in childhood atopic dermatitis Authors: Campbell DE; Journal: Journal of Allergy and Clinical Immunology Year: 1997 Jun | This paper considers the mechanism of action of ciclosporin for atopic eczema by looking into cytokine levels. No clinical effectiveness data, therefore the study is excluded. |
| 663 | Title: Production of interleukin-5 and the suppressive effect of cyclosporin A in childhood severe atopic dermatitis Authors: Ishii E; Journal: Journal of Pediatrics Year: 1996 Jan | This paper considers the possible mechanism of action of ciclosporin, using some data on surrogate markers (interleukins) from one child. It does not provide data on the clinical effectiveness of the intervention. |
| 664 | Title: Cyclosporin A treatment of severe atopic dermatitis in a child Authors: Guarneri B; Journal: Pediatric Dermatology Year: 1994 Jun | This letter is a case report of ciclosporin in a 15-month old child, leading to improvements. The method by which treatment success was assessed was not described. |
| 665 | Title: Thymopentin treatment in severe atopic dermatitis-clinical and immunological evaluations Authors: Hsieh K; Journal: Archives of Disease in Childhood Year: 1992 | Thymopentin is not a product that is known to be available or used in the UK. |
| 666 | Title: Randomised double-blind placebo-controlled | The study considered topical and not systemic ciclosporin use, |

| Reference ID | Bibliographic Information | Reason For Rejecting |
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| | trial of local cyclosporin in atopic dermatitis Authors: De PY; Journal: Acta dermato-venereologica Supplementum Year: 1989 | and in a population aged 2-29 years (mean 12 years). |
| ⁶⁶⁷ | Title: Recombinant gamma interferon in treatment of patients with atopic dermatitis and elevated IgE levels Authors: Boguniewicz M; Journal: American Journal of Medicine Year: 1990 Apr | The age of the population ranged from 10-53 years (means of 25 and 33 years in the two treatment groups). It is not clear how many children were aged under 12 years, and no data were reported separately for this group. |
| ⁶⁶⁸ | Title: Double-blind randomized placebo-controlled trial of local cyclosporine in atopic dermatitis Authors: De PY; Journal: Archives of Dermatology Year: 1989 Apr | This short (abstract) publication describes the use of topical rather than systemic ciclosporin in a population aged 2-29 years. |
| ⁶⁶⁹ | Title: A randomized, double-blind, placebo-controlled crossover trial of systemic flunisolide in the treatment of children with severe atopic dermatitis Authors: La RM; Journal: Current Therapeutic Research, Clinical and Experimental Year: 1995 | Systemic flunisolide is not a product that is known to be available or used in the UK. |
| ⁶⁷⁰ | Title: Combined UVB and UVA phototherapy of atopic eczema Authors: Midelfart K; Journal: Dermatologica Year: 1985 | The age of the population ranged from 5-31 years (mean 21 years). The proportion aged under 12 years was not stated and no data were reported separately for this age group. |
| ⁶⁷¹ | Title: Cyclosporine in children with severe atopic dermatitis.[comment] Authors: Gonzalez-Otero F; Journal: Journal of the American Academy of Dermatology Year: 1997 Jun | This letter was written in response to the Berth-Jones paper ⁶⁷² in order to point out that a lower ciclosporin dose can be used to treat atopic eczema (although no patient details given). We also have other studies that have used ciclosporin at the l |
| ⁶⁷³ | Title: The effect of cyclosporin in the treatment of | Only the abstract was in English - the remainder of the paper |

| Reference ID | Bibliographic Information | Reason For Rejecting |
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| | childhood atopic dermatitis Authors: Lee S; Journal: Korean Journal of Dermatology Year: 2000 | was in a foreign language. It appears to be a report of 13 children treated with ciclosporin. |
| 674 | Title: Cyclosporine treatment decreases the percentage of cutaneous lymphocyte antigen (CLA)(+)CD4(+) T cells in children with severe atopic dermatitis Authors: Lee SY; Journal: Allergy Year: 2004 Oct | This abstract details the effect of ciclosporin treatment in 10 children in terms of its effects on cutaneous lymphocyte antigen. Severity was measured using SCORAD but no numerical data were reported. |
| 675 | Title: Cyclosporin in the treatment of severe atopic dermatitis: A retrospective study Authors: Lee S; Journal: Annals of the Academy of Medicine, Singapore Year: 2004 | A case series of 15 people, with 4 aged under 12 years. However no data were reported separately for those aged under 12 years, and only vague global response results given. |
| 676 | Title: Azathioprine in dermatology: a survey of current practice in the U.K Authors: Tan BB;Lear JT;Gawkrodger DJ;English JS; Journal: British Journal of Dermatology Year: 1997 Mar | Background information - no effectiveness data. |

| Reference ID | Bibliographic Information | Reason For Rejecting |
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| 677 | Title: Oral psoralen photochemotherapy of atopic eczema Authors: Morison WL; Journal: British Journal of Dermatology Year: 1978 Jan | The age of the patients included was 9-63 years, mean 27 years. The proportion of children aged under 12 years was not stated and no data were reported separately for this group. |
| 678 | Title: Narrow-band UVB phototherapy for severe atopic dermatitis Authors: Hudson-Peacock MJ; Journal: British Journal of Dermatology Year: | This letter reported the use of phototherapy in a population aged 5-71 years (mean 35 years). Only limited data are given - the proportion of children aged under 12 years is not stated, |

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| | 1996 | and no data are reported separately for this group. |
| 679 | Title: Phototherapy for children Authors: Knobler E; Journal: Pediatric Dermatology Year: 1996 | This paper documents the experience of experts of using phototherapy for various skin conditions (shared at a symposium). Background information. |
| 680 | Title: Phototherapy and systemic treatments Authors: Reynolds NJ; Journal: Hospital Medicine (London) Year: 2002 | Narrative review - background information. |
| 681 | Title: Topical psoralen photochemotherapy for atopic dermatitis: evaluation of two therapeutic regimens for inpatients and outpatients Authors: Yoshiike T; Journal: Journal of Dermatology Year: 1991 Apr | The age range of the study population is outside the guideline scope (12-33 years). |
| 682 | Title: Treatment of persistent severe atopic dermatitis in 113 Japanese patients with oral psoralen photo-chemotherapy Authors: Uetsu N; Journal: Journal of Dermatology Year: 2003 Jun | The age of the study population is outside the guideline scope (12-74 years). |
| 683 | Title: UVA/UVB phototherapy for atopic dermatitis revisited Authors: Valkova S; Journal: Journal of Dermatological Treatment Year: 2004 Jul | The age of the study population ranged from 8-45 years (mean 19 years). The proportion aged under 12 years is not stated, and no data were reported separately for this group. |
| 684 | Title: Comparison of 5% NaCl Solution and UVB to Mineral Oil and UVB in Patients with Atopic Dermatitis Authors: Choi J; Journal: Korean Journal of Dermatology Year: 2003 | Only the abstract was in English - the remainder of the paper was in a foreign language. It appears to compare the results of UVB phototherapy use with sodium chloride solution or mineral oil in 16 patients with atopic eczema (9 were aged under 15 years). |
| 685 | Title: UV-light therapies in atopic dermatitis Authors: Falk ES; Journal: Photo-Dermatology | The age of the study population ranged from 8-52 years (mean 26 years). The proportion of children aged under 12 |

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| | Year: 1985 Aug | years was not stated and no data were reported separately for this group. |
| 686 | Title: Cumulative UV radiation dose and outcome in clinical practice: Effectiveness of trioxsalen bath PUVA with minimal UVA exposure Authors: Snellman E; Journal: Photodermatology, Photoimmunology and Photomedicine Year: 2000 | The age of the study population is outside the scope of this guideline (12-75 years, mean 46 years). |
| 687 | Title: A retrospective review of PUVA therapy at the National Skin Centre of Singapore Authors: Tran D; Journal: Photodermatology, Photoimmunology and Photomedicine Year: 2001 Aug | The age of the study population ranged from 4-74 years (mean 36 years); only 11% had eczema ('endogenous' eczema). The proportion of children aged under 12 years with atopic eczema is not stated, and no data are reported separately for them. |
| 688 | Title: Should we switch from combination UVA/UVB phototherapy units to narrowband UVB? Authors: Lebwohl M; Journal: Photodermatology, Photoimmunology and Photomedicine Year: 2002 | Narrative review - background information |
| 689 | Title: Narrow-band ultraviolet B treatment for vitiligo, pruritus, and inflammatory dermatoses Authors: Samson YS; Journal: Photodermatology, Photoimmunology and Photomedicine Year: 2003 Aug | The age of the study population ranged from 7-72 years (mean 35 years), and only 6% had atopic eczema. The proportion aged under 12 years who had atopic eczema is not stated and no data are reported separately for them. |
| 690 | Title: Ultraviolet-free phototherapy Authors: Krutmann J; Journal: Photodermatology, Photoimmunology and Photomedicine Year: 2005 Apr | No demographic details were given in this report therefore the age of the population is not known. Hand and/or foot eczema were treated - not clear whether this is atopic. |
| 691 | Title: UVA1 phototherapy for cutaneous diseases: an experience of 92 cases in the United States Authors: Tuchinda C; Journal: Photodermatology, Photoimmunology and Photomedicine Year: 2006 Oct | The age of the study population ranged from 3-78 years (mean 42 years) - the proportion aged under 12 years is not stated. Additionally only 7% had atopic eczema. |

Complementary therapies

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 692 | Author: Kuenzli; Title: Childhood Bullous Pemphigoid: Report of a Case with Life-Threatening Course during Homeopathy Treatment | Adverse event unlikely to be related to homeopathy rather refusal of conventional medication |
| 693 | Takwale A Title: Efficacy and tolerability of borage oil in adults and children with atopic eczema: randomised, double blind, placebo controlled, parallel group trial | Commentary on a previous paper |
| 694 | Atherton <i>et al</i> Title: Treatment of atopic eczema with traditional Chinese medicinal plants | Repeat publication |
| 695 | Hederos C et al Title: Epogam evening primrose oil treatment in atopic dermatitis and asthma | food supplement/ conventional treatment |
| 68 | Hon K <i>et al</i> Title: A pentaherbs capsule as a treatment option for atopic dermatitis in children: an open-labeled case series | Open label case series |
| 696 | Fung A <i>et al</i> Title: A controlled trial of traditional Chinese herbal medicine in Chinese patients with recalcitrant atopic dermatitis | adults |
| 417 | Schmidt <i>et al</i> Title: Oral evening primrose oil and borage oil for atopic eczema | Cochrane protocol only. Treatment: food supplement/ conventional treatment |
| 697 | Schempp CM <i>et al</i> Title: Topical treatment of atopic dermatitis with St. John's wort cream--a randomized, placebo controlled, double blind half-side comparison | adults |
| 698 | Armstrong Title: The treatment of eczema with Chinese herbs: a systematic review of randomized clinical trials | Commentary on paper not actual paper |
| 699 | Inoue R Title: Severe complications of folk remedies for atopic dermatitis | Eczema occurs as a result of folk remedies |
| 584 | Hon et al Title: Skin diseases in Chinese children at a pediatric dermatology center | Survey of Chinese in China |
| 700 | Latchman <i>at al</i> Title: Chinese medical herbs in the treatment of atopic dermatitis | General paper |
| 701 | Ramgolam V <i>et al</i> Title: Traditional Chinese medicines as immunosuppressive agents | In vitro, no clinical data |

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| 702 | Stewart AC <i>et al</i> Title: Hypnotherapy as a treatment for atopic dermatitis in adults and children | Uncontrolled, children group 2-15 plus one 24 year old. Data presentation very unclear |
| 703 | Bath-hexatall F <i>et al</i> Title: Dietary supplements for established atopic eczema | Cochrane protocol only Treatment: food supplement/ conventional treatment |
| 704 | Fujiwaki T <i>et al</i> Title: The effects of rice bran broth bathing in patients with atopic dermatitis | Adults, probably not complementary therapy either |
| 705 | Fukuda M <i>et al</i> Title: Treatment for atopic dermatitis by acupuncture | Adults Uncontrolled study |
| 706 | Field <i>et al</i> , Title: Massage therapy for skin conditions in young children. | No new data |
| 707 | Scott J Title: Treatment by acupuncture: infantile eczema | No clinical data |
| 708 | Rosted P Title: A protocol for successful treatment of chronic skin diseases with acupuncture | Case studies of skin conditions, one of 2yr old with eczema |
| 709 | Artik S <i>et al</i> Title: Complementary therapy for atopic eczema and other allergic skin diseases | No useful/new data |
| | Chinese paper | Chinese language |
| 710 | Centre for Reviews and Dissemination; Title: Systematic review of treatments for atopic eczema | No new data |
| 711 | Breuner CC Title: Complementary medicine in pediatrics: A review of acupuncture, homeopathy, massage, and chiropractic therapies | No useful/new data |
| 712 | Sokol B;. Title: A comparison of hypnotherapy and biofeedback in the treatment of childhood atopic eczema | Adult and children's data |

Education and adherence to therapy

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 713 | Authors: Agner T;. Title: Compliance among patients with atopic eczema. [11 refs]. Journal Name: Acta Dermato-Venereologica. Year: 2005 Nov | Review - background information. |
| 714 | Authors: Beattie PE;Lewis-Jones MS;. Title: Parental knowledge of topical therapies in the treatment of childhood atopic dermatitis. Journal Name: Clinical and Experimental Dermatology. Year: 2003 | No mention of adherence/non-adherence. |
| 49 | Authors: Broberg A;Kalimo K;Lindblad B;Swanbeck G;. Title: Parental education in the treatment of childhood atopic eczema. Journal Name: Acta Dermato-Venereologica. Year: 1990 | No details on non-adherence. |
| 715 | Authors: Czyzewski DI;Lopez M;. Title: Clinical psychology in the management of pediatric skin disease. Journal Name: Dermatologic Clinics. Year: 1998 | Review only - background information. |
| 716 | Authors: Hon KL;Leung TF;Wong Y;So HK;Li AM;Fok TF;. Title: A survey of bathing and showering practices in children with atopic eczema. Journal Name: Clinical and Experimental Dermatology. Year: 2005 Jul | No mention of adherence/non-adherence. |
| 117 | Authors: Howlett S;. Title: Emotional dysfunction, child-family relationships and childhood atopic dermatitis. [30 refs]. Journal Name: British Journal of Dermatology. Year: 1999 Mar | Review - background information. |
| 717 | Authors: LoPresti L;. Title: Case study: enhancing compliance in an adolescent with atopic dermatitis. Journal Name: Dermatology Nursing. Year: 1992 Jun | The population were aged over 12 years. |
| 718 | Authors: Paller AS;McAlister RO;Doyle JJ;Jackson A;. Title: Perceptions of physicians and pediatric patients about atopic dermatitis, its impact, and its treatment. Journal Name: Clinical Pediatrics. Year: 2002 | No mention of adherence/non-adherence. |
| 719 | Authors: Poysa L;Remes K;Korppi M;Launiala K;. Title: Compliance with a dietary manipulation programme in families with infants prone to atopy. Journal Name: Acta Paediatrica Scandinavica. Year: 1988 Jul | The study considered adherence to preventive measures for atopy, not factors that contribute to adherence in children with atopic eczema. |
| 720 | Authors: Renzi C;Picardi A;Abeni D;Agostini E;Baliva G;Pasquini P;Puddu P;Braga M;. Title: Association of dissatisfaction with care and psychiatric morbidity with poor treatment compliance.[see comment]. Journal Name: Archives of Dermatology. Year: 2002 Mar | Only adults were included. |
| 721 | Authors: Roos TC;. Title: Psychosomatic aspects of skin care and therapy of atopic dermatitis with regard to the patient's dealing with himself and the parents' dealing with their child. Journal Name: Dermatology and Psychosomatics. Year: 2004 | Review article - background information. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|--|
| 722 | Authors: Wahn U;Staab D;Nilsson L;. Title: Atopic eczema: How to tackle the most common atopic symptom. Journal Name: Pediatric Allergy & Immunology. Year: 1999 | No mention of adherence/non-adherence. |
| 723 | Authors: Witkowski JA;. Title: Compliance: the dermatologic patient. [13 refs]. Journal Name: International Journal of Dermatology. Year: 1988 Nov | Review - background information. |
| 714 | Authors: Beattie PE;Lewis-Jones MS;. Title: Parental knowledge of topical therapies in the treatment of childhood atopic dermatitis. Journal Name: Clinical and Experimental Dermatology. Year: 2003 | Not relevant. Study was about determining the the level of use and knowledge of commonly prescribed topical corticosteroid preparations among parents/carers, not about the effectiveness of an education programme. |
| 724 | Authors: Carroll CL;Balkrishnan R;Feldman SR;Fleischer AB;Manuel JC;. Title: The burden of atopic dermatitis: impact on the patient, family, and society. [69 refs]. Journal Name: Pediatric Dermatology. Year: 2005 May | Narrative review/opinion - background information. |
| 43b | Authors: Cork MJ;. Title: Causes and treatment of childhood eczema.. Journal Name: Exchange - Quarterly Journal of the National Eczema Society. Year: 2002 | Narrative review/opinion - background information. |
| 54 | Authors: Cork MJ;Britton J;Butler L;Young S;Murphy R;Keohane SG;. Title: Comparison of parent knowledge, therapy utilization and severity of atopic eczema before and after explanation and demonstration of topical therapies by a specialist dermatology nurse. Journal Name: British Journal of Dermatology. Year: 2003 Sep | Included in the adherence section. |
| 48b | Authors: Ersser S;Latter S;SurrIDGE H;Buchanan P;Satherley P;Welbourne S;. Title: Psychological and educational interventions for atopic eczema in children. Journal Name: Cochrane Database of Systematic Reviews. Year: 2006 | A protocol on how to psychological and educational interventions for atopic eczema |
| 142 | Authors: Gore C;Johnson RJ;Caress AL;Woodcock A;Custovic A;. Title: The information needs and preferred roles in treatment decision-making of parents caring for infants with atopic dermatitis: a qualitative study. Journal Name: Allergy. Year: 2005 Jul | This paper considers the information needs of parents of children with atopic eczema. It does not address the effectiveness of education programmes. |
| 725 | Authors: Holm EA;Esmann S;Jemec GB;. Title: Patient education and morbidity in atopic eczema. Journal Name: Dermatology Nursing. Year: 2005 Feb | Narrative review/opinion - background information. |
| 72b | Authors: King E;. Title: Patient education. Management of infantile eczema. Journal Name: Australian Family Physician. Year: 2005 May | Editorial on the treatment of eczema - background information. |
| 727 | Authors: Lapsley P;. Title: The double benefits of educational programmes for patients with eczema.[see comment][comment]. Journal Name: BMJ. Year: 2006 Apr 22 | A commentary on the benefits of educational programmes for children with eczema - background information. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| 728 | Authors: Lynn SE;Lawton S;Newham S;Cox M;Williams HC;Emerson R;. Title: Managing atopic eczema: the needs of children.. Journal Name: Professional Nurse. Year: 1997 Jun | Narrative review - background information. |
| 729 | Authors: Wieland S;. Title: Promoting health in children with atopic dermatitis. Journal Name: Nurse Practitioner: American Journal of Primary Health Care. Year: 1998 | Narrative review on the epidemiology, pathophysiology, and environmental influences that cause eczema. Background information. |
| 730 | Authors: Singer A;. Title: Structured educational programs can improve the treatment of atopic dermatitis and quality of life of caregivers | Comment on ¹⁴⁴ already discussed |

Growth

| Reference ID | Bibliographic Information | Reason for rejecting study |
|--------------|--|---|
| 461 | Authors: Allen DB;. Title: Systemic effects of inhaled corticosteroid in children. Journal Name: Current Opinion in Pediatrics. Year: 2004 | Study included asthma patients only. |
| 731 | Authors: Arnetz BB;. Title: Endocrine and dermatological concomitants of mental stress. Journal Name: Acta Dermato-Venereologica. Year: | Adults? No ages were detailed and assessment questionnaires /techniques suggested an adult population |
| 464 | Authors: Baum WF;Schneyer U;Lantsch AM;Kloditz E;. Title: Delay of growth and development in children with bronchial asthma, atopic dermatitis and allergic rhinitis. Journal Name: Experimental and Clinical Endocrinology and Diabetes. Year: 2002 Apr | Narrative review-used to check references |
| 732 | Authors: Baum WF;. Title: Atopy and hyposomia: Review on the phenomenon of atopic growth retardation. Journal Name: Allergologie. Year: 2000 | German language |
| 733 | Authors: Charman C;Williams H;. Title: The use of corticosteroids and corticosteroid phobia in atopic dermatitis. Journal Name: Clinics in Dermatology. Year: 2003 May | Narrative review-used as background information |
| 734 | Authors: Charman CR;Morris AD;Williams HC;. Title: Topical corticosteroid phobia in patients with atopic eczema. Journal Name: British Journal of Dermatology. Year: 2000 May | Study -used as background information. |
| 481 | Authors: David TJ;. Title: Short stature in children with atopic eczema.. Journal Name: Acta Dermato-Venereologica. Year: 1989 | Narrative study- used as back ground information. |
| 482 | Authors: Del Rosso J.;Friedlander SF;. Title: Corticosteroids: options in the era of steroid-sparing therapy.. Journal Name: Journal of the American Academy of | Narrative review-used as background information and to check references. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
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| | Dermatology. Year: 2005 Jul | |
| 735 | Authors: Gebauer S;. Title: Growth impairment in view of pediatric dermatology. Journal Name: Zeitschrift fur Hautkrankheiten. Year: 1997 | No relevant data |
| 736 | Authors: Gelmetti C;. Title: Diet and atopic dermatitis. Journal Name: Journal of the European Academy of Dermatology and Venereology. Year: | No relevant data |
| 737 | Authors: Hanifin JM;Cooper KD;Ho VC;Kang S;Krafchik BR;Margolis DJ;Schachner L;Sidbury R;Whitmore SE;Sieck CK;Van Vorhees AS;. Title: Guidelines of Care for Atopic dermatitis. Journal Name: Journal of the American Academy of Dermatology. Year: 2004 | Guideline with no specific guideline regarding growth. |
| 738 | Authors: Katz VL;. Title: Severe symmetric intrauterine growth retardation associated with the topical use of triamcinolone. Journal Name: American Journal of Obstetrics and Gynecology. Year: 1990 | No relevant data |
| 739 | Authors: Katz VL;. Title: Severe symmetric intrauterine growth retardation associated with the topical use of triamcinolone. Journal Name: American Journal of Obstetrics and Gynecology. Year: 1990 | No relevant data. |
| 511 | Authors: Lane AT;. Title: Efficacy and safety of topical steroids in paediatric atopic dermatitis. Journal Name: Journal of the European Academy of Dermatology and Venereology. Year: 1997 | Study was of short-term effects of TCS only. No growth information |
| 740 | Authors: Leung AKC;. Title: Managing childhood atopic dermatitis. Journal Name: Advances in Therapy. Year: | No relevant data |
| 397 | Authors: Manjra AI;du PP;Weiss R;Motala CM;Potter PC;Raboobee N;Ndlova N;Davis M;Weinberg EG;. Title: Childhood atopic eczema consensus document. Journal Name: South African Medical Journal. Year: 2005 | No relevant data. |
| 741 | Authors: Musgrove K;Morgan JK;. Title: Infantile eczema: A long-term follow-up study. Journal Name: British Journal of Dermatology. Year: 1976 Oct | Study of social, artistic and sporting activities of adults |
| 742 | Authors: Nicolaidou E;. Title: Antihistamines and steroids in pediatric dermatology. Journal Name: Clinics in Dermatology. Year: 2003 | No relevant data |
| 743 | Authors: Nomura I;. Title: Hypoproteinemia in severe childhood atopic dermatitis: a serious complication. Journal Name: Pediatric Allergy and Immunology. Year: | Describes hypoproteinemia in children with atopic eczema but has no growth or growth related measures in the paper. |

| Reference ID | Bibliographic Information | Reason for rejecting study |
|----------------|---|---|
| ⁷⁴⁴ | Authors: Shapiro GG;. Title: Corticosteroids in the treatment of allergic disease: principles and practice. [56 refs]. Journal Name: Pediatric Clinics of North America. Year: 1983 | Narrative data-used as background information |
| ⁷⁴⁵ | Authors: Heuck C; Wolthers OD;. Title: Calculation of knemometric growth rates in group studies of children treated with exogenous glucocorticoids.. Journal Name: Ann Human Biol. Year: 1997 | Data is included in ⁷⁴⁶ |

Indications for referral

| Reference ID | Bibliographic Information | Reason For Rejecting |
|----------------|--|---|
| ³¹ | Title: Patterns of care and referral in children with atopic dermatitis and concern for food allergy Authors: Thompson MM;Tofte SJ;Simpson EL;Hanifin JM; Journal: Dermatologic Therapy Year: 2006 | No relevant or useful information to the referral section. |
| ⁷⁴⁷ | Title: Audit of new referrals to the Hammersmith Hospital for atopic dermatitis over a two-month period Authors: Chu T; Journal: Round Table Series - Royal Society of Medicine Year: 1999 | This paper describes the clinical features of 30 children or adults who were referred to a London hospital for management of atopic eczema over a 2-month period. The reasons for referral are not stated, therefore there is no information to address our que |

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