Appendix F: Excluded studies

G.1 Review question 4.1

Excluded studies	Reason for exclusion
Abbass,R., Hopkins,M., Dufour,D.R., Schallheim,J., Szeto,O.J., Korman,L.Y., Amdur,R.L., Lipman,T.O., 20110817, Celiac disease in an urban VA population with iron deficiency: the case against routine duodenal biopsy, Digestive Diseases & Sciences, 56, 2037-2041, 2011	Only prevalence of disease in iron deficiency population reported
Akobeng,A.K., Ramanan,A.V., Buchan,I., Heller,R.F., Effect of breast feeding on risk of coeliac disease: A systematic review and meta-analysis of observational studies, Archives of Disease in ChildhoodArch.Dis.Child., 91, 39-43, 2006	Addresses predictive value of breast feeding for CD, which is not a sign/symptom
Ali,Azzam N., Al,Ashgar H., Dababo,M., Al,Kahtani N., Shahid,M., Mesentric vein thrombosis as a presentation of subclinical celiac disease, Annals of Saudi MedicineAnn.Saudi Med., 26, 471-473, 2006	Case report
Al-Ruhaily,A.D., Malabu,U.H., 20100318, Short stature in Saudi Arabia: etiologic profile in adult endocrine clinic, Nigerian Journal of Medicine: Journal of the National Association of Resident Doctors of Nigeria, 18, 268-271, 2009	Only prevalence of disease in patients with short stature reported
Altaf,M.A., Grunow,J.E., 20080612, Atypical presentations of celiac disease: recurrent intussusception and pneumatosis intestinalis, Clinical PediatricsClin.Pediatr., 47, 289-292, 2008	Case reports
Angeli,G., Pasquini,R., Panella,V., Pelli,M.A., 20120802, An epidemiologic survey of celiac disease in the Terni area (Umbria, Italy) in 2002-2010, Journal of Preventive Medicine & Hygiene, 53, 20-23, 2012	Study not concerned with signs and symptoms
Assiri,A.M., 20110714, Isolated short stature as a presentation of celiac disease in Saudi children, Pediatric ReportsPediatr.Rep., 2, e4-, 2010	Only prevalence of disease in patients with short stature reported
Avsar,A., Kalayci,A.G., The presence and	Not screened at time of diagnosis

Excluded studies	Reason for exclusion
distribution of dental enamel defects and caries in children with celiac disease, Turkish Journal of PediatricsTurk.J.Pediatr., 50, 45-50, 2008	
Aydemir,S., Tekin,N.S., Aktunc,E., Numanoglu,G., Ustundag,Y., 20090226, Celiac disease in patients having recurrent aphthous stomatitis, Turkish Journal of GastroenterologyTurk.J.Gastroenterol., 15, 192-195, 2004	Only prevalence of disease in patients with recurrent aphthous stomatitis
Balamtekin,N., Baysoy,G., Uslu,N., Orhan,D., Akcoren,Z., Ozen,H., Gurakan,F., Saltik-Temizel,I.N., Yuce,A., 20130509, Fecal calprotectin concentration is increased in children with celiac disease: relation with histopathological findings, Turkish Journal of GastroenterologyTurk.J.Gastroenterol., 23, 503-508, 2012	Study not concerned with signs and symptoms
Bansal,D., Trehan,A., Gupta,M.K., Varma,N., Marwaha,R.K., 20120412, Serodiagnosis of celiac disease in children referred for evaluation of anemia: a pediatric hematology unit's experience, Indian Journal of Pathology & Microbiology, 54, 756-760, 2011	Only prevalence of sign/symptoms in confirmed cases is reported
Barbato,M., Curione,M., Amato,S., Carbone,J., Briani,C., Pannone,V., Maiella,G., Di,Camillo C., Panetti,D., Cucchiara,S., 20110218, Autonomic imbalance in celiac children, Minerva PediatricaMinerva Pediatr., 62, 333-338, 2010	Group data on signs/symptoms compared between coeliac and control groups
Barrett,J.S., Irving,P.M., Shepherd,S.J., Muir,J.G., Gibson,P.R., 20100222, Comparison of the prevalence of fructose and lactose malabsorption across chronic intestinal disorders, Alimentary Pharmacology & Therapeutics, 30, 165-174, 2009	Not concerned with signs or symptoms
Behera,B., Mirdha,B.R., Makharia,G.K., Bhatnagar,S., Dattagupta,S., Samantaray,J.C., Parasites in patients with malabsorption syndrome: A clinical study in children and adults, Digestive Diseases and SciencesDig.Dis.Sci., 53, 672-679, 2008	Only prevalence of disease in malabsorption population reported
Bhadada,S.K., Bhansali,A., Kochhar,R., Menon,A.S., Sinha,S.K., Dutta,P., Nain,C.K., 20081223, Does every short stature child need screening for celiac disease?, Journal of Gastroenterology & Hepatology, 23, t-6, 2008	Only prevalence of disease in patients with short stature reported

Excluded studies	Reason for exclusion
Bhadada,S.K., Bhansali,A., Ravikumar,P., Kochhar,R., Nain,C.K., Dutta,P., Lal,S., 20110503, Changing scenario in aetiological profile of short stature in India-growing importance of celiac disease: a study from tertiary care centre, Indian Journal of PediatricsIndian J.Pediatr., 78, 41-44, 2011	Only prevalence of disease in patients with short stature reported
Calleja,S., Vivas,S., Santiuste,M., Arias,L., Hernando,M., Nistal,E., Casqueiro,J., Ruiz de Morales,J.G., 20110817, Dynamics of non-conventional intraepithelial lymphocytes-NK, NKT, and T-in celiac disease: relationship with age, diet, and histopathology, Digestive Diseases & Sciences, 56, 2042-2049, 2011	Study not concerned with signs and symptoms
Campisi,G., Di,Liberto C., Carroccio,A., Compilato,D., Iacono,G., Procaccini,M., Di,Fede G., Lo,Muzio L., Craxi,A., Catassi,C., Scully,C., Coeliac disease: Oral ulcer prevalence, assessment of risk and association with gluten-free diet in children, Digestive and Liver DiseaseDig.Liver Dis., 40, 104-107, 2008	Study assesses odds of ulcer in population with coeliac disease, not using gastrointestinal reflux as presenting feature to raise suspicion of CD
Caprai,S., Vajro,P., Ventura,A., Sciveres,M., Maggiore,G., SIGENP Study Group for Autoimmune Liver Disorders in Celiac Disease, 20080908, Autoimmune liver disease associated with celiac disease in childhood: a multicenter study, Clinical Gastroenterology & Hepatology, 6, 803-806, 2008	Study concerned with signs and symptoms of autoimmune liver disease comorbid with coeliac disease
Carter,D., Maor,Y., Bar-Meir,S., Avidan,B., 20090203, Prevalence and predictive signs for gastrointestinal lesions in premenopausal women with iron deficiency anemia, Digestive Diseases & Sciences, 53, 3138-3144, 2008	Only prevalence of disease in iron deficiency anaemia population reported
Catamo,E., Segat,L., Lenarduzzi,S., Petix,V., Morgutti,M., Crovella,S., 20130110, CD14 polymorphisms correlate with an augmented risk for celiac disease in Italian patients, Genes & Immunity, 13, 489-495, 2012	Study not concerned with signs and symptoms
Cekin,A.H., Cekin,Y., Sezer,C., 20130509, Celiac disease prevalence in patients with iron deficiency anemia, Turkish Journal of GastroenterologyTurk.J.Gastroenterol., 23, 490-495, 2012	Only prevalence of disease in iron deficiency anaemia population reported
Challa,A., Moulas,A., Cholevas,V.,	Correspondence

Excluded studies	Reason for exclusion
Karastergiou,E., Lapatsanis,D., Tsianos,E., 19980605, Vitamin D metabolites in patients with coeliac disease, European Journal of Pediatrics, 157, 262-263, 1998	
Challacombe,D.N., Mecrow,I.K., Elliott,K., Clarke,F.J., Wheeler,E.E., Changing infant feeding practices and declining incidence of coeliac disease in West Somerset, Archives of Disease in ChildhoodArch.Dis.Child., 77, 206-209, 1997	Study not concerned with signs and symptoms
Costacurta,M., Maturo,P., Bartolino,M., Docimo,R., 20130104, Oral manifestations of coeliac disease.: A clinical-statistic study, Oral & Implantology, 3, 12-19, 2010	Used participants with existing coeliac disease (not specified as newly diagnosed/untreated), so signs and symptoms may have changed with treatment
Cristina,M., Sara,P., Kamilia,L., Francesca,C., Paola,C., Agata,B., Mauro,B., Short stature in children with coeliac disease, Pediatric Endocrinology ReviewsPediatr.Endocrinol.Rev., 6, 457-463, 2009	Narrative review
Crofton,R.W., Glover,S.C., Ewen,S.W., Aggett,P.J., Mowat,N.A., Mills,C.F., 19831217, Zinc absorption in celiac disease and dermatitis herpetiformis: a test of small intestinal function, American Journal of Clinical Nutrition, 38, 706-712, 1983	Study not concerned with signs and symptoms
da Silva Kotze,L.M., Nisihara,R.M., Kotze,L.R., da Rosa Utiyama,S.R., Celiac disease in older Brazilians, Journal of the American Geriatrics SocietyJ.Am.Geriatr.Soc., 59, 1548-1550, 2011	Correspondence
Dalgic,B., Sari,S., Ozcan,B., Basturk,B., Ensari,A., Egritas,O., Bukulmez,A., Baris,Z., The evaluation of factors and symptoms related to celiac disease in Turkish children, Turk Pediatri ArsiviTurk Pediatr.Ars., 46, 314-321, 2011	Hearing thresholds compared between case and control groups
Das,G., Baglioni,P., 20110412, Coeliac disease: does it always present with gastrointestinal symptoms?, Qjm, 103, 999-1000, 2010	Correspondence
Decker,E., Hornef,M., Stockinger,S., 20111004, Cesarean delivery is associated with celiac disease but not inflammatory bowel disease in children. [Review], Gut Microbes, 2, 91-98, 2011	Study not concerned with signs and symptoms
Dehghani,S.M., Asadi-Pooya,A.A., Celiac disease in children with short staure, Indian Journal of	Only prevalence of disease in patients with short stature reported

Excluded studies	Reason for exclusion
PediatricsIndian J.Pediatr., 75, 131-133, 2008	
Elli,L., Pigatto,P.D., Guzzi,G., Bardella,M.T., 20110524, New dental enamel defects in coeliac disease, Clinical & Experimental Dermatology, 36, 309-310, 2011	Correspondence
Emami,M.H., Hashemi,M., Kouhestani,S., Taheri,H., Karimi,S., 20121002, Should We Look for Celiac Disease among all Patients with Liver Function Test Abnormalities?, International Journal of Preventive MedicineIntl.J.Prev.Med., 3, 167-172, 2012	Only prevalence of disease in patients in abnormal liver function test population reported
Emami,M.H., Karimi,S., Kouhestani,S., 20121002, Is routine duodenal biopsy necessary for the detection of celiac disease in patients presenting with iron deficiency anemia?, International Journal of Preventive MedicineIntl.J.Prev.Med., 3, 273-277, 2012	Only prevalence of disease in iron deficiency anaemia population reported
Farahmand,F., Mir-Nasseri,M.M., Shahraki,T., Yourdkhani,F., Ghotb,S., Modaresi,V., Khatami,G.R., 20121107, Prevalence of occult celiac disease in healthy Iranian school age children, Archives of Iranian MedicineArch.Iran.Med., 15, 342-345, 2012	Study not concerned with signs and symptoms
Farahmand,F., Modaresi,V., Najafi,M., Khodadad,A., Moetamed,F., Modarres,Z., 20121012, Prevalence of celiac disease in Iranian children with recurrent abdominal pain referred to a pediatric referral center, Iranian Journal of PediatricsIran.J.Pediatr., 21, 33-38, 2011	Only prevalence of disease in patients with recurrent abdominal pain reported
Fasano,A., Catassi,C., 20120320, Early feeding practices and their impact on development of celiac disease. [Review], Nestle Nutrition Workshop Series, Paediatric, rogramme-9, 2011	narrative review
Fausa,O., Eeg,Larsen T., Husby,G., Thune,P., Gastrointestinal investigations in dermatitis herpetiformis, Acta Dermato-Venereologica.55 (3) (pp 203-206)-, 1975.Date of Publication: 1975., -, 1975	Only reports results of gastrointestinal investigations in population
Ferrara,M., Coppola,L., Coppola,A., Capozzi,L., Iron deficiency in childhood and adolescence: Retrospective review, Hematology, 11, 183-186, 2006	Only prevalence of disease in patients with iron deficiency reported

Excluded studies	Reason for exclusion
Ferraz,E.G., Campos,Ede J., Sarmento,V.A., Silva,L.R., 20130528, The oral manifestations of celiac disease: information for the pediatric dentist. [Review], Pediatric Dentistry, 34, 485-488, 2012	Narrative review
Ghoshal,U.C., Mehrotra,M., Kumar,S., Ghoshal,U., Krishnani,N., Misra,A., Aggarwal,R., Choudhuri,G., 20130509, Spectrum of malabsorption syndrome among adults & factors differentiating celiac disease & tropical malabsorption, Indian Journal of Medical ResearchIndian J.Med.Res., 136, 451-459, 2012	Only prevalence of disease in patients with malabsorption syndrome reported
Gillberg,R., Kastrup,W., Mobacken,H., Endoscopic duodenal biopsy compared with biopsy with the Watson capsule from the upper jejunum in patients with dermatitis herpetiformis, Scandinavian Journal of Gastroenterology.17 (2) (pp 305-308)-, 1982.Date of Publication: 1982., -, 1982	Only prevalence of biopsy findings in patients with dermatitis herpetiformis reported
Giuca,M.R., Cei,G., Gigli,F., Gandini,P., 20100629, Oral signs in the diagnosis of celiac disease: review of the literature. [Review] [46 refs], Minerva Stomatologica, 59, 33-43, 2010	Narrative review
Gluten-related recurrent peripheral facial palsy, Journal of Neurology, Neurosurgery & Psychiatry, 83, 667-669, 2012	Correspondence
GOULSTON,K.J., SKYRING,A.P., MCGOVERN,V.J., 19961201, Ulcerative jejunitis associated with malabsorption, Australasian Annals of Medicine, 14, 57-64, 1965	Case report
Gulen,H., Kasirga,E., Yildirim,S.A., Kader,S., Sahin,G., Ayhan,S., 20120913, Diagnostic yield of upper gastrointestinal endoscopy in the evaluation of iron deficiency anemia in older children and adolescents, Pediatric Hematology & Oncology, 28, 694-701, 2011	Only prevalence of disease in iron deficiency anaemia population reported
Gyllenberg,A., Asad,S., Piehl,F., Swanberg,M., Padyukov,L., Van,Yserloo B., Rutledge,E.A., McNeney,B., Graham,J., Orho-Melander,M., Lindholm,E., Graff,C., Forsell,C., Akesson,K., Landin-Olsson,M., Carlsson,A., Forsander,G., Ivarsson,S.A., Larsson,H., Lindblad,B., Ludvigsson,J., Marcus,C., Lernmark,A., Alfredsson,L., Akesson,K., Olsson,T., Kockum,I.,	Study not concerned with signs and symptoms

Excluded studies	Reason for exclusion
Swedish Childhood Diabetes Study Group, Diabetes Incidence in Sweden Study Group, Better Diabetes Diagnosis Study group, 20130510, Age-dependent variation of genotypes in MHC II transactivator gene (CIITA) in controls and association to type 1 diabetes, Genes & Immunity, 13, 632-640, 2012	
Hashemi,J., Hajiani,E., Shahbazin,H.B., Masjedizadeh,R., Ghasemi,N., 20090519, Prevalence of celiac disease in Iranian children with idiopathic short stature, World Journal of GastroenterologyWorld J.Gastroenterol., 14, 7376-7380, 2008	Only prevalence of disease in patients with short stature reported
Haslam,N., Probert,C.S., 19980604, An audit of the investigation and treatment of folic acid deficiency, Journal of the Royal Society of MedicineJ.R.Soc.Med., 91, 72-73, 1998	Only prevalence of disease in patients with folate deficiency reported
Henriksson,C., Bostrom,A.M., Wiklund,I.E., What effect does breastfeeding have on coeliac disease? A systematic review update, Evidence Based Medicine, 18, 98-103, 2013	Addresses predictive value of breast feeding for CD, which is not a sign/symptom
Hizli,S., Karabulut,H., Ozdemir,O., Acar,B., Abaci,A., Dagli,M., Karasen,R.M., 20110601, Sensorineural hearing loss in pediatric celiac patients, International Journal of Pediatric OtorhinolaryngologyInt.J.Pediatr.Otorhinolaryngol., 75, 65-68, 2011	Study assesses odds of sensorineural hearing loss in population with coeliac disease, not using sensorineural hearing loss as presenting feature to raise suspicion of CD
Hoey,J., Irritable bowel syndrome: Could it be celiac disease?, CMAJ, 166, 479-480, 2002	Correspondence
Hogberg,L., Danielsson,L., Jarleman,S., Sundqvist,T., Stenhammar,L., 20090505, Serum zinc in small children with coeliac disease, Acta Paediatrica, 98, 343-345, 2009	Group data on serum zinc compared between coeliac and control groups
Hornell,A., Lagstrom,H., Lande,B., Thorsdottir,I., 20130417, Breastfeeding, introduction of other foods and effects on health: a systematic literature review for the 5th Nordic Nutrition Recommendations, Food & Nutrition Research, 57,, 2013-, 2013	Study is not concerned with sign or symptoms
Hunt,K.A., Franke,L., Deloukas,P., Wijmenga,C., van Heel,D.A., No Evidence in a Large UK Collection for Celiac Disease Risk Variants Reported by a Spanish Study, Gastroenterology, 134, 1629-1630, 2008	Correspondence

Excluded studies	Reason for exclusion
Hurley,J.J., Lee,B., Turner,J.K., Beale,A., Jenkins,H.R., Swift,G.L., 20120619, Incidence and presentation of reported coeliac disease in Cardiff and the Vale of Glamorgan: the next 10 years, European Journal of Gastroenterology & Hepatology, 24, 482-486, 2012	Reports incidence of signs/symptoms in CD patients
Ikram,M.A., Sajid,A., Hameed,S., Arshad,K., Irshad,ul Haq, 20130409, Coeliac disease in children presenting with failure to thrive, Journal of Ayub Medical College, Abbottabad: JAMC, 23, 6-9, 2011	Reports incidence of signs/symptoms in CD patients, and CD prevalence in patients presenting with failure to thrive
Ivarsson,A., Myleus,A., Norstrom,F., van der Pals,M., Rosen,A., Hogberg,L., Danielsson,L., Halvarsson,B., Hammarroth,S., Hernell,O., Karlsson,E., Stenhammar,L., Webb,C., Sandstrom,O., Carlsson,A., 20130503, Prevalence of childhood celiac disease and changes in infant feeding, Pediatrics, 131, e687-e694, 2013	Addresses predictive value of infant feeding for CD, which is not a sign/symptom
Johnson,D.P., Alpert,M.E., 19710622, Dermatitis herpetiformis--a disease associated with intestinal malabsorption, American Journal of GastroenterologyAm.J.Gastroenterol., 55, 21-32, 1971	Coeliac disease not reported as an outcome
Khanna,S., Chaudhary,D., Kumar,P., Mazumdar,S., Occult celiac disease presenting as splenic vein thrombosis, Indian Journal of GastroenterologyIndian J.Gastroenterol., 27, 38-39, 2008	Correspondence
Kittisupamongkol,W., 20090615, Celiac disease first diagnosed in the elderly, American Journal of GastroenterologyAm.J.Gastroenterol., 104, 1321-, 2009	Correspondence
Knez,R., Franciskovic,T., Samarin,R.M., Niksic,M., 20120131, Attachment style in parents of children with chronic gastrointestinal disease, Collegium Antropologicum, 35, Suppl-30, 2011	Used participants with existing coeliac disease (not specified as newly diagnosed/untreated), so signs and symptoms may have changed with treatment
Kumar,N., Sharma,G., Kaur,G., Tandon,N., Bhatnagar,S., Mehra,N., 20130131, Major histocompatibility complex class I chain related gene-A microsatellite polymorphism shows secondary association with type 1 diabetes and celiac disease in North Indians, Tissue Antigens,	Study not concerned with signs and symptoms

Excluded studies	Reason for exclusion
80, 356-362, 2012	
Larizza,D., Calcaterra,V., Klersy,C., Badulli,C., Caramagna,C., Ricci,A., Brambilla,P., Salvaneschi,L., Martinetti,M., 20130103, Common immunogenetic profile in children with multiple autoimmune diseases: the signature of HLA-DQ pleiotropic genes, Autoimmunity, 45, 470-475, 2012	Study not concerned with signs and symptoms
Lebwohl,B., Green,P.H., Murray,J.A., Ludvigsson,J.F., 20130307, Season of birth in a nationwide cohort of coeliac disease patients, Archives of Disease in ChildhoodArch.Dis.Child., 98, 48-51, 2013	Study not concerned with signs and symptoms
Leffler,D.A., Dennis,M., Edwards,George J., Jamma,S., Cook,E.F., Schuppan,D., Kelly,C.P., 20100217, A validated disease-specific symptom index for adults with celiac disease, Clinical Gastroenterology & Hepatology, 7, 1328-1334, 2009	Study not concerned with signs and symptoms
Lionetti,E., Francavilla,R., Maiuri,L., Ruggieri,M., Spina,M., Pavone,P., Francavilla,T., Magista,A.M., Pavone,L., 20091016, Headache in pediatric patients with celiac disease and its prevalence as a diagnostic clue, Journal of Pediatric Gastroenterology & Nutrition, 49, 202-207, 2009	Case series
Ludvigsson,J.F., Rubio-Tapia,A., van Dyke,C.T., Melton,L.J.,III, Zinsmeister,A.R., Lahr,B.D., Murray,J.A., 20130624, Increasing incidence of celiac disease in a North American population, American Journal of GastroenterologyAm.J.Gastroenterol., 108, 818-824, 2013	Study not concerned with signs and symptoms
Mankai,A., Achour,A., Thabet,Y., Manoubia,W., Sakly,W., Ghedira,I., 20130328, Anti-cardiolipin and anti-beta 2-glycoprotein I antibodies in celiac disease, Pathologie BiologiePathol.Biol., 60, 291-295, 2012	Study not concerned with signs and symptoms
Marild,K., Frostell,A.S., Ludvigsson,J.F., 20110201, Psychological stress and coeliac disease in childhood: a cohort study, BMC GastroenterologyBMC Gastroenterol., 10, 106-, 2010	Not concerned with signs and symptoms
Marine,M., Farre,C., Alsina,M., Vilar,P.,	Study not concerned with signs and symptoms

Excluded studies	Reason for exclusion
Cortijo,M., Salas,A., Fernandez-Banares,F., Rosinach,M., Santaolalla,R., Loras,C., Marques,T., Cusi,V., Hernandez,M.I., Carrasco,A., Ribes,J., Viver,J.M., Esteve,M., 20110603, The prevalence of coeliac disease is significantly higher in children compared with adults, Alimentary Pharmacology & Therapeutics, 33, 477-486, 2011	
Mascitelli,L., Pezzetta,F., Goldstein,M.R., 20091005, Low cholesterol and mental disorders in children and adolescents with celiac disease, Psychosomatics, 50, 300-301, 2009	Correspondence
Mnif,L., Amouri,A., Tahri,N., Celiac disease presenting as Plummer-Vinson syndrome, Tunisie MedicaleTunis.Med., 88, 858-, 2010	Case report
Monzon,H., Forne,M., Gonzalez,C., Esteve,M., Marti,J.M., Rosinach,M., Marine,M., Loras,C., Espinos,J.C., Salas,A., Viver,J.M., Fernandez-Banares,F., 20111006, Mild enteropathy as a cause of iron-deficiency anaemia of previously unknown origin, Digestive & Liver Disease, 43, 448-453, 2011	Only prevalence of disease in iron deficiency anaemia population reported
Muhammad,A., Pitchumoni,C.S., 20081124, Newly detected celiac disease by wireless capsule endoscopy in older adults with iron deficiency anemia, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 42, 980-983, 2008	Only prevalence of disease in iron deficiency anaemia population reported
Myleus,A., Hernell,O., Gothefors,L., Hammarstrom,M.L., Persson,L.A., Stenlund,H., Ivarsson,A., 20130516, Early infections are associated with increased risk for celiac disease: an incident case-referent study, BMC PediatricsBMC Pediatr., 12, 194-, 2012	Study concerned with predictors of coeliac disease
Myleus,A., Stenlund,H., Hernell,O., Gothefors,L., Hammarstrom,M.L., Persson,L.A., Ivarsson,A., 20120910, Early vaccinations are not risk factors for celiac disease, Pediatrics, 130, e63-e70, 2012	Addresses predictive value of infant vaccination for CD, which is not a sign/symptom
Nachman,F., Vazquez,H., Gonzalez,A., Andrenacci,P., Compagni,L., Reyes,H., Sugai,E., Moreno,M.L., Smecuol,E., Hwang,H.J., Sanchez,I.P., Maurino,E., Bai,J.C., 20110531, Gastroesophageal reflux symptoms in patients with celiac disease and the effects of a gluten-free diet, Clinical Gastroenterology &	Study not concerned with signs and symptoms

Excluded studies	Reason for exclusion
Hepatology, 9, 214-219, 2011	
Parnanen,A., Kaukinen,K., Helakorpi,S., Uutela,A., Lahdeaho,M.L., Huhtala,H., Collin,P., Maki,M., Kurppa,K., 20130104, Symptom-detected and screen-detected celiac disease and adult height: a large cohort study, European Journal of Gastroenterology & Hepatology, 24, 1066-1070, 2012	Group data on height compared between coeliac and control groups
Pastore,L., Carroccio,A., Compilato,D., Panzarella,V., Serpico,R., Muzio,L.L., Oral manifestations of celiac disease, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 42, 224-232, 2008	Systematic review, unclear inclusion / exclusion criteria
Patterson,S.K., Green,P.H., Tennyson,C.A., Lewis,S.K., Brannagan,T.H.,III, 20130123, Copper levels in patients with celiac neuropathy, Journal of Clinical Neuromuscular DiseaseJ.Clin.Neuromuscular Dis., 14, 11-16, 2012	case series
Pelleboer,R.A., Janssen,R.L., Deckers-Kocken,J.M., Wouters,E., Nissen,A.C., Bolz,W.E., Ten,W.E., van der Feen,C., Oosterhuis,K.J., Rovekamp,M.H., Nikkels,P.G., Houwen,R.H., 20121116, Celiac disease is overrepresented in patients with constipation, Jornal de Pediatria, 88, 173-176, 2012	Non-English language
Procaccini,M., Campisi,G., Bufo,P., Compilato,D., Massaccesi,C., Catassi,C., Lo,Muzio L., 20070730, Lack of association between celiac disease and dental enamel hypoplasia in a case-control study from an Italian central region, Head & Face Medicine, 3, 25-, 2007	Used participants with existing coeliac disease (not specified as newly diagnosed/untreated), so signs and symptoms may have changed with treatment
Rabbani,M.W., Khan,W.I., Afzal,A.B., Rabbani,W., Causes of short stature identified in children presenting at a tertiary care hospital in Multan Pakistan, Pakistan Journal of Medical SciencesPak.J.Med.Sci., 29, 53-57, 2013	Only prevalence of disease in patients with short stature reported
Reilly,N.R., Aguilar,K.M., Green,P.H., Should intussusception in children prompt screening for celiac disease?, Journal of Pediatric Gastroenterology and NutritionJ.Pediatr.Gastroenterol.Nutr., 56, 56-59, 2013	Case series
Roberts,S.E., Williams,J.G., Meddings,D.,	Study not concerned with signs and symptoms

Excluded studies	Reason for exclusion
Davidson,R., Goldacre,M.J., 20110506, Perinatal risk factors and coeliac disease in children and young adults: a record linkage study, Alimentary Pharmacology & Therapeutics, 29, 222-231, 2009	
Rodrigo,L., Alvarez,N., Salas-Puig,J., Hernandez-Lahoz,C., Angelman syndrome and celiac disease, Revista Espanola de Enfermedades DigestivasRev.Esp.Enferm.Dig., 102, 450-451, 2010	Correspondence
Rostami-Nejad,M., Rostami,K., Sanaei,M., Mohebbi,S.R., Al-Dulaimi,D., Nazemalhosseini-Mojarad,E., Collin,P., Mulder,C.J., Zali,M.R., 20101202, Rotavirus and coeliac autoimmunity among adults with non-specific gastrointestinal symptoms, Saudi Medical JournalSaudi Med.J., 31, 891-894, 2010	Prevalence of disease in patients with GI symptoms reported
Ruoff,M., Lindner,A.E., Marshak,R.H., 19681221, Intussusception in sprue, American Journal of Roentgenology, Radium Therapy & Nuclear Medicine, 104, 525-528, 1968	Case reports
Saccomani,M.D., Pizzini,C., Piacentini,G.L., Boner,A.L., Peroni,D.G., 20130708, Analysis of urinary parameters as risk factors for nephrolithiasis in children with celiac disease, Journal of UrologyJ.Urol., 188, 566-570, 2012	Reports prevalence of signs/symptoms in CD patients
Samloff,I.M., Schenk,E.A., 19670328, Celiac disease and multiple jejunal diverticulosis, American Journal of Digestive Diseases, 12, 189-197, 1967	Case report
Sannier,A., Lazure,T., Bouhnik,Y., Cazals-Hatem,D., 20130415, A long story of diarrhea due to collagenous sprue, Virchows ArchivVirchows Arch., 462, 361-363, 2013	Case report
Sclarovsky-Benjaminov,F., Wilson,S., Habal,F., 20030521, Adult celiac disease presenting with intussusception and elevated liver enzymes, Israel Medical Association Journal: Imaj, 5, 203-204, 2003	Case report
Sezgin,Bolgul B., Arslanoglu,Z., Tumen,A.C., Yavuz,I., Celenk,S., Atakul,F., Significance of oral symptoms in early diagnosis and treatment of celiac disease, Turkiye Klinikleri Journal of Medical SciencesTurk.Klinikleri J.Med.Sci., 29,	Not screened at diagnosis

Excluded studies	Reason for exclusion
599-604, 2009	
Shakeri,R., Zamani,F., Sotoudehmanesh,R., Amiri,A., Mohamadnejad,M., Davatchi,F., Karakani,A.M., Malekzadeh,R., Shahram,F., 20091021, Gluten sensitivity enteropathy in patients with recurrent aphthous stomatitis, BMC GastroenterologyBMC Gastroenterol., 9, 44-, 2009	Outcomes of interested not reported
Shuster,S., Watson,A.J., Marks,J., 19680629, Coeliac syndrome in dermatitis herpetiformis, Lancet, 1, 1101-1106, 1968	Only prevalence of disease in patients with dermatitis herpetiformis reported
Sifford,M., Koch,A., Lee,E., Pena,L.R., 20071113, Abnormal liver tests as an initial presentation of celiac disease, Digestive Diseases & Sciences, 52, 3016-3018, 2007	Case report
Solmaz,F., Unal,F., Apuhan,T., 20120531, Celiac disease and sensorineural hearing loss in children, Acta Oto-LaryngologicaActa Oto-Laryngol., 132, 146-151, 2012	Used participants with existing coeliac disease (not specified as newly diagnosed/untreated), so signs and symptoms may have changed with treatment
Stagi,S., Manoni,C., Cecchi,C., Chiarelli,F., de,Martino M., 20120201, Increased risk of coeliac disease in patients with congenital hypothyroidism, Hormone research in pdiatrics, 76, 186-192, 2011	Congenital hypothyroidism not a condition of interest
Sultan,M., Afzal,M., Qureshi,S.M., Aziz,S., Lutfullah,M., Khan,S.A., Iqbal,M., Maqsood,S.U., Sadiq,N., Farid,N., 20081118, Etiology of short stature in children, Jcpsp, Journal of the College of Physicians & Surgeons - Pakistan, 18, 493-497, 2008	Only prevalence of disease in short stature population reported
Sunnikutty,A.P., Harding,J., Nelson,J.C., 20081209, CEC syndrome--a rare manifestation of coeliac disease, Ulster Medical JournalUlster Med.J., 77, 205-206, 2008	Correspondence
Szajewska,H., Chmielewska,A., Piescik-Lech,M., Ivarsson,A., Kolacek,S., Koletzko,S., Mearin,M.L., Shamir,R., Auricchio,R., Troncone,R., PREVENTCD Study Group, 20130314, Systematic review: early infant feeding and the prevention of coeliac disease. [Review], Alimentary Pharmacology & Therapeutics, 36, 607-618, 2012	- Study concerned with early feeding as a predictor of coeliac disease
Tanpowpong,P., Obuch,J.C., Jiang,H.,	Study not concerned with signs and symptoms

Excluded studies	Reason for exclusion
McCarty,C.E., Katz,A.J., Leffler,D.A., Kelly,C.P., Weir,D.C., Leichtner,A.M., Camargo,C.A.,Jr., 20130426, Multicenter study on season of birth and celiac disease: evidence for a new theoretical model of pathogenesis, Journal of PediatricsJ.Pediatr., 162, 501-504, 2013	
Tomei,E., Diacinti,D., Stagnitti,A., Marini,M., Laghi,A., Passariello,R., Semelka,R.C., 20121107, MR enterography: relationship between intestinal fold pattern and the clinical presentation of adult celiac disease, Journal of Magnetic Resonance ImagingJ.Magn.Reson.Imaging, 36, 183-187, 2012	Study not concerned with signs and symptoms
Tosco,A., Salvati,V.M., Auricchio,R., Maglio,M., Borrelli,M., Coruzzo,A., Paparo,F., Boffardi,M., Esposito,A., D'Adamo,G., Malamisura,B., Greco,L., Troncone,R., 20110718, Natural history of potential celiac disease in children, Clinical Gastroenterology & Hepatology, 9, 320-325, 2011	Study not concerned with signs and symptoms
Troncone,R., Kosova,R., 20110421, Short stature and catch-up growth in celiac disease, Journal of Pediatric Gastroenterology & Nutrition, 51, Suppl-8, 2010	Commentary
Tucker,E., Rostami,K., Prabhakaran,S., Al,Dulaimi D., 20120817, Patients with coeliac disease are increasingly overweight or obese on presentation, Journal of Gastrointestinal & Liver Diseases, 21, 11-15, 2012	Reports BMI of CD patients
Vainio,E., Kalimo,K., Viander,M., Reunala,T., 19851121, Antigliadin antibodies and gluten-free diet in dermatitis herpetiformis, Acta Dermato-VenereologicaActa Derm.-Venereol., 65, 291-297, 1985	Reports intestinal biopsy data in patients with dermatitis herpetiformis
van der Windt,D.A., Jellema,P., Mulder,C.J., Kneepkens,C.M., van der Horst,H.E., 20100506, Diagnostic testing for celiac disease among patients with abdominal symptoms: a systematic review. [Review] [49 refs], JAMA, 303, 1738-1746, 2010	Systematic review with unclear inclusion / exclusion criteria
van,Dommelen P., Grote,F.K., Oostdijk,W., Keizer-Schrama,S.M., Boersma,B., Damen,G.M., Csizmadia,C.G., Verkerk,P.H., Wit,J.M., van,Buuren S., 20081020, Screening rules for	Pools data from 3 studies; two studies used patients with existing coeliac disease (not specified as untreated), so signs/symptoms may have changed with treatment

Excluded studies	Reason for exclusion
growth to detect celiac disease: a case-control simulation study, BMC PediatricsBMC Pediatr., 8, 35-, 2008	
Vannella,L., Aloe Spiriti,M.A., Di,Giulio E., Lahner,E., Corleto,V.D., Monarca,B., Delle,Fave G., Annibale,B., 20110506, Upper and lower gastrointestinal causes of iron deficiency anemia in elderly compared with adult outpatients, Minerva Gastroenterologica e DietologicaMinerva Gastroenterol.Dietol., 56, 397-404, 2010	Prevalence of disease in patients with iron deficiency anaemia reported
VEEGER,W., THIJE,O.J., MANDEMA,E., HELLEMANS,N., NIEWEG,H.O., 19961201, Sprue with a characteristic lesion of the small intestine associated with folic acid deficiency, Acta Medica Scandinavica, 177, 493-502, 1965	Case report
Venkatasubramani,N., Telega,G., Werlin,S.L., 20110303, Obesity in pediatric celiac disease, Journal of Pediatric Gastroenterology & Nutrition, 51, 295-297, 2010	Reports rate of obesity in CD patients
Vermeer,B.J., Lindeman,J., van der Harst-Oostveen CJ, Pena,A.S., van Vloten,W.A., 19770917, The immunoglobulin-bearing cells in the lamina propria and the clinical response to a gluten-free diet in dermatitis herpetiformis, Archives for Dermatological Research - Archiv fur Dermatologische Forschung, 258, 223-230, 1977	Coeliac disease not reported as an outcome
Villanueva,J., Maranda,L., Nwosu,B.U., 20120904, Is vitamin D deficiency a feature of pediatric celiac disease?, Journal of Pediatric Endocrinology, 25, 607-610, 2012	Group data on vitamin D levels compared between coeliac and control groups
Waldo,R.T., 20060124, Iron-deficiency anemia due to silent celiac sprue, Baylor University Medical Center Proceedings, 15, 16-17, 2002	Case reports
Welander,A., Tjernberg,A.R., Montgomery,S.M., Ludvigsson,J., Ludvigsson,J.F., 20100405, Infectious disease and risk of later celiac disease in childhood, Pediatrics, 125, e530-e536, 2010	Addresses predictive value of previous (not at presentation) infectious disease for CD, which is not a sign/symptom
White,L.E., Bannerman,E., McGrogan,P., Kastner-Cole,D., Carnegie,E., Gillett,P.M., 20130307, Childhood coeliac disease diagnoses in Scotland 2009-2010: the SPSU project, Archives of Disease in ChildhoodArch.Dis.Child.,	Reports rates of signs/symptoms in patients diagnosed with CD

Excluded studies	Reason for exclusion
98, 52-56, 2013	
Whyte,L.A., Jenkins,H.R., 20130702, The epidemiology of coeliac disease in South Wales: a 28-year perspective, Archives of Disease in ChildhoodArch.Dis.Child., 98, 405-407, 2013	Reports rates of signs/symptoms in patients diagnosed with CD
Wingren,C.J., Agardh,D., Merlo,J., 20120831, Revisiting the risk of celiac disease in children born small for gestational age: a sibling design perspective, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 47, 632-639, 2012	Study not concerned with signs and symptoms
Wingren,C.J., Agardh,D., Merlo,J., 20130317, Sex differences in coeliac disease risk: a Swedish sibling design study, Digestive & Liver Disease, 44, 909-913, 2012	Assesses predictive value of sex on coeliac disease, which is not a sign/symptom
Zali,M.R., Rostami,Nejad M., Al,Dulaimi D., Rostami,K., 20120216, Nail changes: unusual presentation of celiac disease, American Journal of GastroenterologyAm.J.Gastroenterol., 106, 2202-2204, 2011	Correspondence
Zamani,F., Mohamadnejad,M., Shakeri,R., Amiri,A., Najafi,S., Alimohamadi,S.M., Tavangar,S.M., Ghavamzadeh,A., Malekzadeh,R., 20090519, Gluten sensitive enteropathy in patients with iron deficiency anemia of unknown origin, World Journal of GastroenterologyWorld J.Gastroenterol., 14, 7381-7385, 2008	Only prevalence of disease in iron deficiency population reported
Zanchi,C., Ventura,G., Di,Leo G., Orzes,N., Ronfani,L., Not,T., Ventura,A., 20130701, Leonardo da Vinci meets celiac disease, Journal of Pediatric Gastroenterology & Nutrition, 56, 206-210, 2013	Used participants with existing coeliac disease (not specified as newly diagnosed/untreated), so signs and symptoms may have changed with treatment
Zhang,F., Yang,B., Lin,Y., Chen,S., Zhou,G., Wang,G., Chen,X., Zhang,Y., Tian,H., Yu,M., Shi,Z., Zhang,D., 20121022, Dermatitis herpetiformis in China: a report of 22 cases, Journal of the European Academy of Dermatology & Venereology, 26, 903-907, 2012	Reports prevalence of disease in patients with dermatitis herpetiformis
Zingone,F., Bucci,C., Tortora,R., Santonicola,A., Cappello,C., Franzese,M.D., Passananti,V., Ciacci,C., 20090925, Body mass index and prevalence of skin diseases in adults with untreated coeliac disease, Digestion, 80, 18-24,	Reports rates of skin conditions in patients diagnosed with CD

Excluded studies	Reason for exclusion
2009	
Zingone,F., Morisco,F., Zanetti,A., Romano,L., Portella,G., Capone,P., Andreozzi,P., Tortora,R., Ciacci,C., 20110427, Long-term antibody persistence and immune memory to hepatitis B virus in adult celiac patients vaccinated as adolescents, Vaccine, 29, 1005-1008, 2011	Study not concerned with presenting sign or symptom

G.2 Review question 4.2

Excluded studies	Reason for exclusion
Abid,S., Siddiqui,S., Jafri,W., 20110726, Discriminant value of Rome III questionnaire in dyspeptic patients, Saudi Journal of GastroenterologySaudi J.Gastroenterol., 17, 129-133, 2011	Unclear how coeliac disease was diagnosed
Abolfazli,R., Mirbagheri,S.A., Zabihi,A.A., Abouzari,M., Autism and celiac disease: Failure to validate the hypothesis of a possible link, Iranian Red Crescent Medical JournalIran.Red Crescent Med.J., 11, 442-444, 2009	Autism not a condition of interest
Agrawal,R.P., Rathore,A., Joshi,A., Changal,H., Kochar,D.K., Prevalence of celiac disease in type 1 diabetes mellitus in North West Rajasthan, India, Diabetes Research and Clinical PracticeDiabetes Res.Clin.Pract., 79, e15-e16, 2008	Correspondence
Aguiar,F.M., Melo,S.B., Galvao,L.C., Rosa-e-Silva JC, dos Reis,R.M., Ferriani,R.A., 20090602, Serological testing for celiac disease in women with endometriosis. A pilot study, Clinical & Experimental Obstetrics & Gynecology, 36, 23-25, 2009	Endometriosis not a condition of interest
Aitken,R.J., Mehers,K.L., Williams,A.J., Brown,J., Bingley,P.J., Holl,R.W., Rohrer,T.R., Schober,E., Abdul-Rasoul,M.M., Shield,J.P., Gillespie,K.M., Early-onset, coexisting autoimmunity and decreased HLA-mediated susceptibility are the characteristics of diabetes in Down syndrome, Diabetes Care, 36, 1181-1185, 2013	Not screened at time of diagnosis
Al-Lawati,T.T., Al-Musawi,H.S., Celiac disease in Oman: A tertiary centre experience, Oman Medical JournalOman Med.J., 28, 70-72, 2013	Not screened at diagnosis

Excluded studies	Reason for exclusion
Al-Mayouf,S.M., Al-Mehaidib,A.I., Alkaff,M.A., 20091214, The significance of elevated serologic markers of celiac disease in children with juvenile rheumatoid arthritis, Saudi Journal of GastroenterologySaudi J.Gastroenterol., 9, 75-78, 2003	Study in a country with high incidence of enteropathy
Alpigiani,M.G., Haupt,R., Parodi,S., Calcagno,A., Poggi,E., Lorini,R., Coeliac disease in 108 patients with juvenile idiopathic arthritis: A 13-3ear follow-up study [7], Clinical and Experimental RheumatologyClin.Exp.Rheumatol., 26, 162-, 2008	Correspondence
Altintas,E., Senli,M.S., Sezgin,O., 20090327, Prevalence of celiac disease among dyspeptic patients: a community-based case-control study, Turkish Journal of GastroenterologyTurk.J.Gastroenterol., 19, 81-84, 2008	Study from a country with high prevalence of enteropathy
Alvarez-Celorio,M.D., Angeles-Angeles,A., Kraus,A., 20121002, Primary Sjogren's Syndrome and Celiac Disease: Causal Association or Serendipity?, JCR: Journal of Clinical Rheumatology, 6, 194-197, 2000	Case reports
Amiriani,T., Besharat,S., Roshandel,G., Shalizar,A., 20111110, Should we look for celiac disease in irritable bowel syndrome?, Oman Medical JournalOman Med.J., 26, 59-60, 2011	Correspondence
Arnold,C.A., Moreira,R.K., Lam-Himlin,D., De,Petris G., Montgomery,E., 20120907, Whipple disease a century after the initial description: increased recognition of unusual presentations, autoimmune comorbidities, and therapy effects, American Journal of Surgical PathologyAm.J.Surg.Pathol., 36, 1066-1073, 2012	Unclear how coeliac disease was diagnosed
Assiri,A., Saeed,A., AlSarkhy,A., El Mouzan,M.I., El,Matary W., Celiac disease presenting as rickets in Saudi children, Annals of Saudi MedicineAnn.Saudi Med., 33, 49-51, 2013	Study in a country with a high incidence of enteropathy
Atladottir,H.O., Pedersen,M.G., Thorsen,P., Mortensen,P.B., Deleuran,B., Eaton,W.W., Parner,E.T., 20090813, Association of family history of autoimmune diseases and autism	Unclear how coeliac disease was diagnosed

Excluded studies	Reason for exclusion
spectrum disorders, Pediatrics, 124, 687-694, 2009	
Aziz,I., Evans,K.E., Hopper,A.D., Smillie,D.M., Sanders,D.S., 20110224, A prospective study into the aetiology of lymphocytic duodenosis, Alimentary Pharmacology & Therapeutics, 32, 1392-1397, 2010	Unclear how coeliac disease was diagnosed
Babiker,A., Morris,M.A., Datta,V., 20101228, Coeliac disease and type 1 diabetes: 7 years experience versus NICE guidance 2009, Archives of Disease in ChildhoodArch.Dis.Child., 95, 1068-1069, 2010	Commentary
Bakalov,V.K., Gutin,L., Cheng,C.M., Zhou,J., Sheth,P., Shah,K., Arepalli,S., Vanderhoof,V., Nelson,L.M., Bondy,C.A., 20121009, Autoimmune disorders in women with turner syndrome and women with karyotypically normal primary ovarian insufficiency, Journal of AutoimmunityJ.Autoimmun., 38, 315-321, 2012	Unclear how coeliac disease was diagnosed
Bakhshipour,A., Nezam,S.K., Zakeri,Z., Gharibi,R., Bahari,A., Kaykhaei,M.A., 20120827, Coeliac disease in irritable bowel syndrome (Rome III) in Southeast Iran, Arab Journal of GastroenterologyArab J.Gastroenterol., 13, 24-27, 2012	Study from a country with high prevalence of enteropathy
Balamtekin,N., Baysoy,G., Demir,H., 20111209, Differences in the prevalence of obesity in children with celiac disease, Journal of Pediatric Gastroenterology & Nutrition, 52, 784-, 2011	Correspondence
Bashiri,H., Keshavarz,A., Madani,H., Hooshmandi,A., Bazargan-Hejazi,S., Ahmadi,A., 20121002, Celiac disease in type-I diabetes mellitus: coexisting phenomenon, Journal of Research in Medical SciencesJ.Res.Med.Sci., 16, Suppl-6, 2011	Study from a country with high prevalence of enteropathy
Basso,M.S., Luciano,R., Ferretti,F., Muraca,M., Panetta,F., Bracci,F., Ottino,S., Diamanti,A., 20130510, Association between celiac disease and primary lactase deficiency, European Journal of Clinical NutritionEur.J.Clin.Nutr., 66, 1364-1365, 2012	Not screened at diagnosis
Basso,M.S., Zanna,V., Panetta,F., Caramadre,A.M., Ferretti,F., Ottino,S., Diamanti,A., Is the screening for celiac disease	Anorexia nervosa not a condition of interet

Excluded studies	Reason for exclusion
useful in anorexia nervosa?, European Journal of PediatricsEur.J.Pediatr., 172, 261-263, 2013	
Batista,I.C., Gandolfi,L., Nobrega,Y.K., Almeida,R.C., Almeida,L.M., Campos,Junior D., Pratesi,R., 20121130, Autism spectrum disorder and celiac disease: no evidence for a link, Arquivos de Neuro-PsiquiatriaArq.Neuro-Psiquiatr., 70, 28-33, 2012	Coeliac disease diagnosed by serology
Berrill,W.T., Fitzpatrick,P.F., Macleod,W.M., Eade,O.E., Hyde,I., Wright,R., 19760209, Bird-fancier's lung and jejunal villous atrophy, Lancet, 2, 1006-1008, 1975	Bird-fancier's lung not a condition of interest
Bhadada,S.K., Kochhar,R., Bhansali,A., Dutta,U., Kumar,P.R., Poornachandra,K.S., Vaiphei,K., Nain,C.K., Singh,K., Prevalence and clinical profile of celiac disease in type 1 diabetes mellitus in north India, Journal of Gastroenterology and HepatologyJ.Gastroenterol.Hepatol., 26, 378-381, 2011	Study from a country with high prevalence of enteropathy
Bhat,A.S., Chaturvedi,M.K., Saini,S., Bhatnagar,S., Gupta,N., Sapra,S., Gupta,S.D., Kabra,M., Prevalence of celiac disease in Indian children with Down syndrome and its clinical and laboratory predictors, Indian Journal of PediatricsIndian J.Pediatr., 80, 114-117, 2013	Study from a country with high incidence of eteropathy
Biagi,F., Corazza,G.R., 20100622, First-degree relatives of celiac patients: are they at an increased risk of developing celiac disease?, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 43, 3-4, 2009	Editorial
Bin-Abbas,B.S., Faiyaz-Ul-Haque,M., Al-Fares,A.H., Al-Gazlan,S.S., Bhuiyan,J.A., Al-Muhsen,S.Z., 20101101, Autoimmune polyglandular syndrome type 1 in Saudi children, Saudi Medical JournalSaudi Med.J., 31, 788-792, 2010	Unclear how coeliac disease was diagnosed
Birkenfeld,S., Dreiher,J., Weitzman,D., Cohen,A.D., 20100416, Coeliac disease associated with psoriasis, British Journal of DermatologyBr.J.Dermatol., 161, 1331-1334, 2009	Unclear how coeliac disease was diagnosed
Black,C., Kaye,J.A., Jick,H., 20020926, Relation of	Unclear how Coeliac disease was diagnosed

Excluded studies	Reason for exclusion
childhood gastrointestinal disorders to autism: nested case-control study using data from the UK General Practice Research Database, BMJBMJ (Online), 325, 419-421, 2002	
BLATTNER,R.J., 19961201, Folic acid deficiency in children with celiac disease, Journal of PediatricsJ.Pediatr., 63, 344-346, 1963	Commentary
Boelaert,K., Newby,P.R., Simmonds,M.J., Holder,R.L., Carr-Smith,J.D., Heward,J.M., Manji,N., Allahabadia,A., Armitage,M., Chatterjee,K.V., Lazarus,J.H., Pearce,S.H., Vaidya,B., Gough,S.C., Franklyn,J.A., 20100225, Prevalence and relative risk of other autoimmune diseases in subjects with autoimmune thyroid disease, American Journal of MedicineAm.J.Med., 123, 183-189, 2010	Unclear how Coeliac disease was diagnosed
Bonamico,M., Magliocca,F.M., Mennini,M., Nenna,R., Caggiano,S., Ragusa,G., Montuori,M., Duse,M., 20110829, Bruton syndrome and celiac disease, Annals of Allergy, Asthma, & Immunology, 107, 86-87, 2011	Case report
Bonamico,M., Nenna,R., Montuori,M., Luparia,R.P., Turchetti,A., Mennini,M., Lucantoni,F., Masotti,D., Magliocca,F.M., Culasso,F., Tiberti,C., 20110404, First salivary screening of celiac disease by detection of anti-transglutaminase autoantibody radioimmunoassay in 5000 Italian primary schoolchildren, Journal of Pediatric Gastroenterology & Nutrition, 52, 17-20, 2011	Study on prevalance of Coeliac disease in primary schoolchildren
Borhani,Haghighi A., Ansari,N., Mokhtari,M., Geramizadeh,B., Lankarani,K.B., Multiple sclerosis and gluten sensitivity, Clinical Neurology and Neurosurgery.109 (8) (pp 651-653)-, 2007.Date of Publication: October 2007., -, 2007	Multiple sclerosis not a condition of interest
Cardenas-Roldan,J., Rojas-Villarraga,A., Anaya,J.-M., How do autoimmune diseases cluster in families? A systematic review and meta-analysis, BMC MedicineBMC Med., 11, -, 2013	Study not concerned with Coeliac disease
Castro-Antunes,M.M., Magalhaes,R., Nobre,J.M., Duarte,B.P., Silva,G.A., 20110617, Celiac disease in first-degree relatives of patients.[Erratum appears in J Pediatr (Rio J).	Non-English language

Excluded studies	Reason for exclusion
2011 Jan-Feb;87(1):84 Note: Silva, Bruna P [corrected to Duarte, Bruna P]], Jornal de Pediatria, 86, 331-336, 2010	
Catassi,C., Alarida,K., 20120202, Another brick in the (great) wall: celiac disease in Chinese children, Journal of Pediatric Gastroenterology & Nutrition, 53, 359-360, 2011	Commentary
Catassi,C., Celiac crisis/refeeding syndrome combination: New mechanism for an old complication, Journal of Pediatric Gastroenterology and NutritionJ.Pediatr.Gastroenterol.Nutr., 54, 442-443, 2012	Commentary
Catassi,C., Kryszak,D., Bhatti,B., Sturgeon,C., Helzlsouer,K., Clipp,S.L., Gelfond,D., Puppa,E., Sferruzza,A., Fasano,A., 20101207, Natural history of celiac disease autoimmunity in a USA cohort followed since 1974, Annals of MedicineAnn.Med., 42, 530-538, 2010	Unclear how coeliac disease was diagnosed
Cats,E.A., Bertens,A.S., Veldink,J.H., van den Berg,L.H., van der Pol,W.L., 20130401, Associated autoimmune diseases in patients with multifocal motor neuropathy and their family members, Journal of NeurologyJ.Neurol., 259, 1137-1141, 2012	Unclear if index proband diagnosed using biopsy
Celiac disease and schizophrenia... Am J Psychiatry. 2012 Jun;169(6):625-32, American Journal of Psychiatry, 169, 991-993, 2012	Correspondence
Chambon,J.P., Bianchini,A., Massouille,D., Perot,C., Lancelevee,J., Zerbib,P., 20130401, Ischemic gastritis: a rare but lethal consequence of celiac territory ischemic syndrome, Minerva Chirurgica, 67, 421-428, 2012	Study not concerned with coeliac disease
Chen,S.J., Chao,Y.L., Chen,C.Y., Chang,C.M., Wu,E.C., Wu,C.S., Yeh,H.H., Chen,C.H., Tsai,H.J., 20120815, Prevalence of autoimmune diseases in in-patients with schizophrenia: nationwide population-based study, British Journal of PsychiatryBr.J.Psychiatry, 200, 374-380, 2012	Unclear how Coeliac disease was diagnosed
Chomeili,B., Aminzadeh,M., Hardani,A.K., Fathizadeh,P., Chomeili,P., Azaran,A., 20120202, Prevalence of celiac disease in siblings of Iranian patients with celiac disease, Arquivos de GastroenterologiaArq.Gastroenterol., 48, 131-	Not all received biopsy

Excluded studies	Reason for exclusion
135, 2011	
Chung,S.A., Xie,G., Roshandel,D., Sherva,R., Edberg,J.C., Kravitz,M., Dellaripa,P.F., Hoffman,G.S., Mahr,A.D., Seo,P., Specks,U., Spiera,R.F., St Clair,E.W., Stone,J.H., Plenge,R.M., Siminovitch,K.A., Merkel,P.A., Monach,P.A., 20130116, Meta-analysis of genetic polymorphisms in granulomatosis with polyangiitis (Wegener's) reveals shared susceptibility loci with rheumatoid arthritis, Arthritis & Rheumatism, 64, 3463-3471, 2012	Study concerned with genetic predisposition
Collins,D., Wilcox,R., Nathan,M., Zubarik,R., 20120403, Celiac disease and hypothyroidism, American Journal of MedicineAm.J.Med., 125, 278-282, 2012	Unclear how coeliac disease was diagnosed
Compilato,D., Carroccio,A., Campisi,G., 20120625, Hidden coeliac disease in patients suffering from oral lichen planus, Journal of the European Academy of Dermatology & Venereology, 26, 390-391, 2012	Correspondence
Confino-Cohen,R., Chodick,G., Shalev,V., Leshno,M., Kimhi,O., Goldberg,A., 20120727, Chronic urticaria and autoimmunity: associations found in a large population study, Journal of Allergy & Clinical Immunology, 129, 1307-1313, 2012	Not screened at time of diagnosis
Curione,M., Barbato,M., Cugini,P., Amato,S., Da,Ros S., Di,Bona S., Association of cardiomyopathy and celiac disease: An almost diffuse but still less know entity. A review, Archives of Medical ScienceArch.Med.Sci., 4, 103-107, 2008	Systematic review is out of date
Curione,M., Danese,C., Viola,F., Di,Bona S., Anastasia,A., Cugini,P., Barbato,M., 20060126, Carnitine deficiency in patients with coeliac disease and idiopathic dilated cardiomyopathy, Nutrition Metabolism & Cardiovascular Diseases, 15, 279-283, 2005	Not screened at diagnosis
da Silva Kotze,L.M., Nisihara,R., Kotze,L.R., da Rosa Utiyama,S.R., 20130625, Celiac disease and dermatitis herpetiformis in Brazilian twins: a long-term follow-up and screening of their relatives, Journal of Pediatric Endocrinology, 26, 71-75, 2013	Small sample size (<10)

Excluded studies	Reason for exclusion
Dagdelen,S., Hascelik,G., Bayraktar,M., 20090511, Simultaneous triple organ specific autoantibody profiling in adult patients with type 1 diabetes mellitus and their first-degree relatives, International Journal of Clinical PracticeInt.J.Clin.Pract., 63, 449-456, 2009	Study from a country with high prevalence of enteropathy
De,Maddi F., Pellegrini,F., Raffaele,C.G., Tarantino,G., Rigante,D., Celiac disease and juvenile idiopathic arthritis: a still enigmatic crossover, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 48, 511-512, 2013	Correspondence
Dean,G., Hanniffy,L., Stevens,F., Temperley,I., O'Broin,J.D., Scott,J., Cahalane,S.F., 19781027, Schizophrenia and coeliac disease, Irish Medical Journal, 68, 545-546, 1975	Condition not of interest
Depczynski,B., Coeliac disease and its relation to glycaemic control in adults with type 1 diabetes mellitus, Diabetes Research and Clinical PracticeDiabetes Res.Clin.Pract., 79, e10-, 2008	Correspondence
Dickey,W., Hughes,D.F., McMillan,S.A., Patients with serum IgA endomysial antibodies and intact duodenal villi: Clinical characteristics and management options, Scandinavian Journal of Gastroenterology.40 (10) (pp 1240-1243)-, 2005.Date of Publication: October 2005., -, 2005	Coeliac disease was not biopsy confirmed
Dickey,W., McMillan,S.A., 19990420, Co-screening for primary biliary cirrhosis and coeliac disease. Association between primary biliary cirrhosis and coeliac disease, Gut, 43, 300-, 1998	Correspondence
Dietert,R.R., Zelikoff,J.T., 20100914, Identifying patterns of immune-related disease: use in disease prevention and management. [Review] [98 refs], World Journal of PediatricsWorld J.Pediatrics, 6, 111-118, 2010	Narrative review
Dimitrova,A.K., Ungaro,R.C., Lebwohl,B., Lewis,S.K., Tennyson,C.A., Green,M.W., Babyatsky,M.W., Green,P.H., 20131211, Prevalence of migraine in patients with celiac disease and inflammatory bowel disease, Headache, 53, 344-355, 2013	Not screened at diagnosis
Dogan,Y., Yildirmaz,S., Ozercan,I.H., 20121119,	Unclear if index proband diagnosed using

Excluded studies	Reason for exclusion
Prevalence of celiac disease among first-degree relatives of patients with celiac disease, Journal of Pediatric Gastroenterology & Nutrition, 55, 205-208, 2012	biopsy
Dydensborg,S., Toftedal,P., Biaggi,M., Lillevang,S.T., Hansen,D.G., Husby,S., 20120416, Increasing prevalence of coeliac disease in Denmark: a linkage study combining national registries, Acta Paediatrica, 101, 179-184, 2012	Marsh 2 or Marsh 3 criteria used to diagnose coeliac disease
Efe,C., Wahlin,S., Ozaslan,E., Berlot,A.H., Purnak,T., Muratori,L., Quarneti,C., Yuksel,O., Thiefin,G., Muratori,P., 20120619, Autoimmune hepatitis/primary biliary cirrhosis overlap syndrome and associated extrahepatic autoimmune diseases, European Journal of Gastroenterology & Hepatology, 24, 531-534, 2012	Unclear how Coeliac disease was diagnosed
Egan,C.A., O'Loughlin,S., Gormally,S., Powell,F.C., Dermatitis herpetiformis: A review of fifty-four patients, Irish Journal of Medical Science.166 (4) (pp 241-244)-, 1997.Date of Publication: October/November/December 1997., -, 1997	Not all had biopsy
Elfstrom,P., Granath,F., Ye,W., Ludvigsson,J.F., 20120411, Low risk of gastrointestinal cancer among patients with celiac disease, inflammation, or latent celiac disease, Clinical Gastroenterology & Hepatology, 10, 30-36, 2012	Not screened at diagnosis
Elli,L., Bonura,A., Garavaglia,D., Rulli,E., Floriani,I., Tagliabue,G., Contiero,P., Bardella,M.T., 20130130, Immunological comorbity in coeliac disease: associations, risk factors and clinical implications, Journal of Clinical ImmunologyJ.Clin.Immunol., 32, 984-990, 2012	Not screened at time of diagnosis
El-Matary,W., Senthilselvan,A., Fedorak,R.N., Dieleman,L., Spady,D., Celiac disease in children with inflammatory bowel disease: A prospective cohort study, American Journal of GastroenterologyAm.J.Gastroenterol., 108, 455-456, 2013	Correspondence
El-Shabrawi,M., El-Karaksy,H., Mohsen,N., Isa,M., Al-Biltagi,M., El-Ansari,M., 20110608, Celiac disease in children and adolescents with	Study from a country with high prevalence of enteropathy

Excluded studies	Reason for exclusion
autoimmune hepatitis: a single-centre experience, Journal of Tropical PediatricsJ.Trop.Pediatr., 57, 104-108, 2011	
Emami,M.H., Taheri,H., Kohestani,S., Chitsaz,A., Etemadifar,M., Karimi,S., Eshagi,M.A., Hashemi,M., 20090714, How frequent is celiac disease among epileptic patients?, Journal of Gastrointestinal & Liver Diseases, 17, 379-382, 2008	Study carried out in a country with high incidence of enteropathy
Ertekin,V., Selimoglu,M.A., Tan,H., Konak,M., 20101025, Prevalence of celiac disease in a sample of Turkish children with epilepsy, Pediatric NeurologyPediatr.Neurol., 42, 380-381, 2010	Correspondence
Fallahi,G.H., Ahmadian,J.H., Rabbani,A., Yousefnezhad,A.S., Rezaei,N., 20100712, Screening for celiac disease in diabetic children from Iran, Indian PediatricsIndian Pediatr., 47, 268-270, 2010	Study from a country with high prevalence of enteropathy
Fancellu,R., Pareyson,D., Corsini,E., Salsano,E., Laura,M., Bernardi,G., Antozzi,C., Andreetta,F., Colecchia,M., Di,Donato S., Mariotti,C., 20100126, Immunological reactivity against neuronal and non-neuronal antigens in sporadic adult-onset cerebellar ataxia, European NeurologyEur.Neurol., 62, 356-361, 2009	Unclear how coeliac disease was diagnosed
Farkas,H., Csuka,D., Gacs,J., Czaller,I., Zotter,Z., Fust,G., Varga,L., Gergely,P., 20111121, Lack of increased prevalence of immunoregulatory disorders in hereditary angioedema due to C1-inhibitor deficiency, Clinical ImmunologyClin.Immunol., 141, 58-66, 2011	Study not concerned with Coeliac disease
Fausa,O., 19750206, Vitamin B absorption in intestinal diseases (coeliac disease, dermatitis herpetiformis, ulcerative colitis, Crohn's disease, jejuno-ileal shunting), Scandinavian Journal of Gastroenterology - Supplement, 29, 75-79, 1974	Not screened at diagnosis
Ferguson,A., Hutton,M.M., Maxwell,J.D., Murray,D., 19700305, Adult coeliac disease in hyposplenic patients, Lancet, 1, 163-164, 1970	Not screened at diagnosis
Festen,E.A., Goyette,P., Green,T., Boucher,G., Beauchamp,C., Trynka,G., Dubois,P.C., Lagace,C., Stokkers,P.C., Hommes,D.W., Barisani,D., Palmieri,O., Annese,V., van	Study concerned with association of genome markers to coeliac disease

Excluded studies	Reason for exclusion
Heel,D.A., Weersma,R.K., Daly,M.J., Wijmenga,C., Rioux,J.D., 20110506, A meta-analysis of genome-wide association scans identifies IL18RAP, PTPN2, TAGAP, and PUS10 as shared risk loci for Crohn's disease and celiac disease, PLoS GeneticsPLoS Genet., 7, e1001283-, 2011	
Fontana,M., Boldorini,R., Zuin,G., Tosoni,A., Costanzi,G., Principi,N., Ultrastructural changes in the duodenal mucosa of HIV-infected children, Journal of Pediatric Gastroenterology and Nutrition.17 (3) (pp 255-259)-, 1993.Date of Publication: 1993., -, 1993	Not screened at diagnosis
Ford,A.C., Chey,W.D., Talley,N.J., Malhotra,A., Spiegel,B.M., Moayyedi,P., 20090505, Yield of diagnostic tests for celiac disease in individuals with symptoms suggestive of irritable bowel syndrome: systematic review and meta-analysis. [Review] [55 refs], Archives of Internal MedicineArch.Intern.Med., 169, 651-658, 2009	Systematic review is out of date
Ford,A.C., Ching,E., Moayyedi,P., 20100222, Meta-analysis: yield of diagnostic tests for coeliac disease in dyspepsia. [Review] [41 refs], Alimentary Pharmacology & Therapeutics, 30, 28-36, 2009	Unclear if biopsy was used in all study populations
Francavilla,R., Faienza,M.F., Ladisa,F., Cavallo,L., 20110817, To test or not to test...this is the problem, Journal of PediatricsJ.Pediatr., 159, 168-169, 2011	correspondence
Freriks,K., Timmermans,J., Beerendonk,C.C., Verhaak,C.M., Netea-Maier,R.T., Otten,B.J., Braat,D.D., Smeets,D.F., Kunst,D.H., Hermus,A.R., Timmers,H.J., 20111123, Standardized multidisciplinary evaluation yields significant previously undiagnosed morbidity in adult women with Turner syndrome, Journal of Clinical Endocrinology & Metabolism, 96, E1517-E1526, 2011	Unclear about how coeliac disease was diagnosed
Frohlich-Reiterer,E.E., Kaspers,S., Hofer,S., Schober,E., Kordonouri,O., Pozza,S.B., Holl,R.W., Diabetes Patienten Verlaufsdokumentationssystem-Wiss Study Group, 20110526, Anthropometry, metabolic control, and follow-up in children and adolescents with type 1 diabetes mellitus and biopsy-proven celiac disease, Journal of	Study concerned with the impact of coeliac disease on children with Type 1 Diabetes

Excluded studies	Reason for exclusion
PediatricsJ.Pediatr., 158, 589-593, 2011	
Fry,L., Seah,P.P., McMinn,R.M., Hoffbrand,A.V., 19721115, Lymphocytic infiltration of epithelium in diagnosis of gluten-sensitive enteropathy, British Medical Journal, 3, 371-374, 1972	Unclear how Coeliac disease was diagnosed
Gao,Y., Linet,M.S., Gridley,G., Mellemkjaer,L., Hemminki,K., Goldin,L.R., Landgren,O., 20090206, Shared susceptibility for celiac disease and inflammatory bowel disease?, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 43, 1279-1280, 2008	Commentary
Gawkrodger,D.J., Sweeting,V.M., Edwards,C.R., Barnetson,R.S., 19850328, Male sex hormone status in dermatitis herpetiformis, British Journal of Dermatology, 112, 57-61, 1985	Study not concerned with Coeliac disease
Gheita,T.A., Fawzy,S.M., Nour El-Din,A.M., Gomaa,H.E., 20120726, Asymptomatic celiac sprue in juvenile rheumatic diseases children, International Journal of Rheumatic DiseasesInt.J.Rheum.Dis., 15, 220-226, 2012	Unclear how coeliac disease was diagnosed
Gifre,L., Peris,P., Monegal,A., Martinez de Osaba,M.J., Alvarez,L., Guanabens,N., 20110927, Osteomalacia revisited : a report on 28 cases, Clinical RheumatologyClin.Rheumatol., 30, 639-645, 2011	Unclear how coelaic disease was dignosed
Gijsbers,C.F., Benninga,M., Buller,H., 20110908, Clinical and laboratory findings in 220 children with recurrent abdominal pain, Acta Paediatrica, 100, 1028-1032, 2011	Not concerned with coeliac disease
Goddard,A.F., James,M.W., McIntyre,A.S., Scott,B.B., British Society of Gastroenterology, 20111108, Guidelines for the management of iron deficiency anaemia, Gut, 60, 1309-1316, 2011	Summary of a guideline for iron-deficieny anaemia
Goh,V.L., Estrada,D.E., Lerer,T., Balarezo,F., Sylvester,F.A., 20110217, Effect of gluten-free diet on growth and glycemic control in children with type 1 diabetes and asymptomatic celiac disease, Journal of Pediatric Endocrinology, 23, 1169-1173, 2010	Study concerned with effect of gluten-free diet on glycaemic control in diabetes
Gonzalez,R., Pereyra,L., Mohaidle,A., Mella,J.M.,	Non-English language article

Excluded studies	Reason for exclusion
Fischer,C., Medrano,M.A., Vizcaino,B., Hadad,A.R., Luna,P., Cimmino,D.G., Pedreira,S.C., Boerr,L.A., Celiac disease and risk of colorectal neoplasia, Acta Gastroenterologica LatinoamericanaActa Gastroenterol.Latinoam., 42, 87-91, 2012	
Greco,L., Timpone,L., Abkari,A., Abu-Zekry,M., Attard,T., Bouguerra,F., Cullufi,P., Kansu,A., Micetic-Turk,D., Misak,Z., Roma,E., Shamir,R., Terzic,S., 20120213, Burden of celiac disease in the Mediterranean area, World Journal of GastroenterologyWorld J.Gastroenterol., 17, 4971-4978, 2011	Narrative review
Green,P.H., Yang,J., Cheng,J., Lee,A.R., Harper,J.W., Bhagat,G., 20100107, An association between microscopic colitis and celiac disease, Clinical Gastroenterology & Hepatology, 7, 1210-1216, 2009	All had coeliac disease and microscopic colitis
Grodzinsky,E., Hallert,C., Faresjo,T., Bergfors,E., Faresjo,A.O., 20130201, Could gastrointestinal disorders differ in two close but divergent social environments?, International Journal of Health Geographics [Electronic Resource], 11, 5-, 2012	Addresses predictive value of social environment for CD, which is not a sign/symptom
Guvenc,S., Kaymakoglu,S., Gurel,N., Karsidag,K., Demir,K., Dincer,D., Kekik,C., Salman,S., Yilmaz,T., Besisik,F., Cakaloglu,Y., 20060124, The prevalence of manifest and latent celiac disease in type 1 diabetes mellitus, Turkish Journal of GastroenterologyTurk.J.Gastroenterol., 13, 103-107, 2002	Study from a country with high prevalence of enteropathy
Hammami,S., Hadded,S., Lajmi,K., Besbes,L.G., Meriem,C.B., Chouchane,S., Guediche,M.N., 20110830, Immune thrombocytopenic purpure and coeliac disease, Journal of Paediatrics & Child Health, 47, 240-, 2011	Correspondence
Hemminki,K., Li,X., Sundquist,J., Sundquist,K., 20100108, Familial association between type 1 diabetes and other autoimmune and related diseases, Diabetologia, 52, 1820-1828, 2009	Unclear if index proband was diagnosed using biopsy
Hemminki,K., Li,X., Sundquist,J., Sundquist,K., 20100610, Subsequent autoimmune or related disease in asthma patients: clustering of diseases or medical care?, Annals of EpidemiologyAnn.Epidemiol., 20, 217-222, 2010	Unclear how coeliac disease was diagnosed

Excluded studies	Reason for exclusion
Hemminki,K., Li,X., Sundquist,K., Sundquist,J., 20091019, Shared familial aggregation of susceptibility to autoimmune diseases, Arthritis & Rheumatism, 60, 2845-2847, 2009	Correspondence
Hogberg,L., Webb,C., Falth-Magnusson,K., Forslund,T., Magnusson,K.E., Danielsson,L., Ivarsson,A., Sandstrom,O., Sundqvist,T., 20110908, Children with screening-detected coeliac disease show increased levels of nitric oxide products in urine, Acta Paediatrica, 100, 1023-1027, 2011	Unclear how coeliac disease was diagnosed
Holmes,G.K.T., Moor,F., Coeliac disease in Asians in a single centre in southern Derbyshire, Frontline GastroenterologyFrontline Gastroenterol., 3, 283-287, 2012	Study concerned with prevalence of Asian population in a cohort with coeliac disease
Hsu,L.N., Armstrong,A.W., 20130117, Psoriasis and autoimmune disorders: a review of the literature. [Review], Journal of the American Academy of DermatologyJ.Am.Acad.Dermatol., 67, 1076-1079, 2012	Correspondence
Huppertz,H.-I., Salman,N., Giaquinto,C., Risk factors for severe rotavirus gastroenteritis, Pediatric Infectious Disease JournalPediatr.Infect.Dis.J., 27, S11-S19, 2008	Study not concerned with coeliac disease
Iqbal,T., Zaidi,M.A., Wells,G.A., Karsh,J., 20130627, Celiac disease arthropathy and autoimmunity study, Journal of Gastroenterology & Hepatology, 28, 99-105, 2013	Not screened at diagnosis
Izzo,V., Pinelli,M., Tinto,N., Esposito,M.V., Cola,A., Sperandeo,M.P., Tucci,F., Cocozza,S., Greco,L., Sacchetti,L., 20120518, Improving the estimation of celiac disease sibling risk by non-HLA genes, PLoS ONE [Electronic Resource], 6, e26920-, 2011	Unclear of how Coeliac disease was diagnosed
Jadallah,K.A., Khader,Y.S., 20100225, Celiac disease in patients with presumed irritable bowel syndrome: a case-finding study, World Journal of GastroenterologyWorld J.Gastroenterol., 15, 5321-5325, 2009	Study from a country with high prevalence of enteropathy
Jameson,S., Hellsing,K., Magnusson,S., 19850816, Copper malabsorption in coeliac disease, Science of the Total Environment, 42,	Condition not of interest

Excluded studies	Reason for exclusion
29-36, 1985	
Jobse,P., Flens,M.J., Loffeld,R.J., 20100126, Collagenous colitis: description of a single centre series of 83 patients, European Journal of Internal MedicineEur.J.Intern.Med., 20, 499-502, 2009	Unclear how coeliac disease was diagnosed
Johannesdottir,S.A., Erichsen,R., Horvath-Puho,E., Schmidt,M., Sorensen,H.T., Coeliac disease and risk of venous thromboembolism: A nationwide population-based case-control study, British Journal of HaematologyBr.J.Haematol., 157, 499-501, 2012	Correspondence
John,M.L., Scharrer,I., 20130213, Autoimmune disorders in patients with idiopathic thrombotic thrombocytopenic purpura, Hamostaseologie, 32, Suppl-9, 2012	Not screened at diagnosis
Kabbani,T.A., Kelly,C.P., Betensky,R.A., Hansen,J., Pallav,K., Villafuerte-Galvez,J.A., Vanga,R., Mukherjee,R., Novero,A., Dennis,M., Leffler,D.A., 20130611, Patients with celiac disease have a lower prevalence of non-insulin-dependent diabetes mellitus and metabolic syndrome, Gastroenterology, 144, 912-917, 2013	Not screened at diagnosis
Kao,K.T., Pedraza,B.A., McClune,A.C., Rios,D.A., Mao,Y.Q., Zuch,R.H., Kanter,M.H., Wirio,S., Conteas,C.N., 20090908, Microscopic colitis: a large retrospective analysis from a health maintenance organization experience, World Journal of GastroenterologyWorld J.Gastroenterol., 15, 3122-3127, 2009	Unclear how coeliac disease was diagnosed
Karimzadeh,P., Khajeh,A., Tabarestani,S., Azargashb,E., Relationship between celiac disease and refractory idiopathic epilepsy in children, Iranian Journal of Child NeurologyIran.J.Child Neurol., 4, 19-24, 2010	Study carried out in a country with high incidence of enteropathy
Karwautz,A., Wagner,G., 20100729, Coeliac disease and eating disorders--forgotten comorbidities?, Internal Medicine JournalIntern.Med.J., 39, 784-785, 2009	Correspondence
Keshavarz,A.A., Bashiri,H., Ahmadi,A., Bazargan-Hejazi,S., 20110714, The Prevalence of Occult Celiac Disease among Patients with Functional Dyspepsia: A Study from the Western Region of	Study from a country with high prevalence of enteropathy

Excluded studies	Reason for exclusion
Iran, Gastroenterology research & practice, 2010, 170702-, 2010	
Khan,A.S., Latif,S.U., Eloubeidi,M.A., Controversies in the etiologies of acute pancreatitis, Journal of the PancreasJ.Pancreas, 11, 545-552, 2010	Narrative review
Khoshnood,A., Karimzadeh,A., Dehghan,A., Estimated prevalence of celiac disease in patients with osteoporosis and osteopenia in Yazd province (Iran), Journal of Gastrointestinal & Liver Diseases, 21, 440-441, 2012	Correspondence
Kibria,R., Akram,S., Ali,S.A., Bari,K., Khalil,Q., Sharma,K., 20100713, Screening Veterans Affairs patients with iron deficiency for celiac disease, Southern Medical JournalSouth.Med.J., 103, 385-386, 2010	Correspondence
Kittisupamongkol,W., 20090323, Testing for celiac disease in patients with symptoms of irritable bowel syndrome, JAMA, 301, 1126-, 2009	Correspondence
Korkut,E., Bektas,M., Oztas,E., Kurt,M., Cetinkaya,H., Ozden,A., 20101230, The prevalence of celiac disease in patients fulfilling Rome III criteria for irritable bowel syndrome, European Journal of Internal MedicineEur.J.Intern.Med., 21, 389-392, 2010	Study from a country with high prevalence of enteropathy
Koskela,R.M., Niemela,S.E., Lehtola,J.K., Bloigu,R.S., Karttunen,T.J., 20111003, Gastroduodenal mucosa in microscopic colitis, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 46, 567-576, 2011	Patients already on a gluten-free diet before diagnosis of coeliac disease
Kota,S.K., Meher,L.K., Jammula,S., Kota,S.K., Modi,K.D., 20130527, Clinical profile of coexisting conditions in type 1 diabetes mellitus patients, Diabetes & Metabolic Syndrome, 6, 70-76, 2012	Not screened at diagnosis
Krause,I., Anaya,J.M., Fraser,A., Barzilai,O., Ram,M., Abad,V., Arango,A., Garcia,J., Shoenfeld,Y., 20091029, Anti-infectious antibodies and autoimmune-associated autoantibodies in patients with type I diabetes mellitus and their close family members, Annals of the New York Academy of Sciences, 1173,	Unclear if index proband diagnosed using biopsy

Excluded studies	Reason for exclusion
633-639, 2009	
Kuloglu,Z., Ozcakar,Z.B., Kirsaclioglu,C., Yuksel,S., Kansu,A., Girgin,N., Ekim,M., Yalcinkaya,F., 20090114, Is there an association between familial Mediterranean fever and celiac disease?, Clinical RheumatologyClin.Rheumatol., 27, 1135-1139, 2008	Not screened at time of diagnosis
Kurien,M., Barratt,S.M., Sanders,D.S., Functional gastrointestinal disorders and coeliac disease in adults-negative impact on quality of life, Alimentary Pharmacology and TherapeuticsAliment.Pharmacol.Ther., 34, 1044-1045, 2011	Correspondence
Law,M.H., Bradford,M., McNamara,N., Gajda,A., Wei,J., 20120203, No association observed between schizophrenia and non-HLA coeliac disease genes: integration with the initial MYO9B association with coeliac disease, American Journal of Medical Genetics, Part, 709-719, 2011	Study not concerned with Coeliac disease
Lebenthal,Y., Yackobovitch-Gavan,M., de,Vries L., Phillip,M., Lazar,L., Coexistent autoimmunity in familial type 1 diabetes: Increased susceptibility in sib-pairs?, Hormone Research in PaediatricsHorm.Res.Paediatr., 75, 284-290, 2011	Unclear how coeliac disease was diagnosed
Lenzi,L., Mirri,S., Generoso,M., Guasti,M., Barni,F., Pepe,R., Nanni,L., Toni,S., 20100803, Thyroid autoimmunity and type 1 diabetes in children and adolescents: screening data from Juvenile Diabetes Tuscany Regional Centre, Acta Bio-Medica de l Ateneo Parmense, 80, 203-206, 2009	Not screened at time of diagnosis
Lerner,A., Shapira,Y., Agmon-Levin,N., Pacht,A., Ben-Ami,Shor D., Lopez,H.M., Sanchez-Castanon,M., Shoenfeld,Y., 20120912, The clinical significance of 25OH-Vitamin D status in celiac disease, Clinical Reviews in Allergy & Immunology, 42, 322-330, 2012	Not screened at diagnosis
Leung,S.T., Chandan,V.S., Murray,J.A., Wu,T.T., 20090507, Collagenous gastritis: histopathologic features and association with other gastrointestinal diseases, American Journal of Surgical PathologyAm.J.Surg.Pathol., 33, 788-	Unclear how coeliac disease was diagnosed

Excluded studies	Reason for exclusion
798, 2009	
Levy-Shraga,Y., Lerner-Geva,L., Boyko,V., Graph-Barel,C., Mazor-Aronovitch,K., Modan-Moses,D., Pinhas-Hamiel,O., 20130212, Type 1 diabetes in pre-school children--long-term metabolic control, associated autoimmunity and complications, Diabetic MedicineDiabet.Med., 29, 1291-1296, 2012	Not screened at time of diagnosis
Lewis,K.R., 20110722, Autoimmune diseases associated with type 1 diabetes, Journal of Pediatric Nursing, 26, 174-175, 2011	Narrative review
Lindberg,J., Ahren,Chr, Jonsson,J., Gluten-free diet in chronic active hepatitis associated with intestinal villous atrophy, Hepato-Gastroenterology.29 (2) (pp 52-54)-, 1982.Date of Publication: 1982., -, 1982	Case report
Lionetti,E., Castellaneta,S., Pulvirenti,A., Tonutti,E., Francavilla,R., Fasano,A., Catassi,C., Italian Working Group of Weaning and Celiac Disease Risk, 20130110, Prevalence and natural history of potential celiac disease in at-family-risk infants prospectively investigated from birth, Journal of PediatricsJ.Pediatr., 161, 908-914, 2012	Index proband not diagnosed using biopsy
Lionetti,E., Francavilla,R., Pavone,P., Pavone,L., Francavilla,T., Pulvirenti,A., Giugno,R., Ruggieri,M., 20100901, The neurology of coeliac disease in childhood: what is the evidence? A systematic review and meta-analysis. [Review] [29 refs], Developmental Medicine & Child Neurology, 52, 700-707, 2010	Narrative review
Ludvigsson,J.F., Aro,P., Walker,M.M., Vieth,M., Agreus,L., Talley,N.J., Murray,J.A., Ronkainen,J., Celiac disease, eosinophilic esophagitis and gastroesophageal reflux disease, an adult population-based study, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 48, 808-814, 2013	Gastroesophageal reflux disease not a condition of interest
Ludvigsson,J.F., Lindelof,B., Zingone,F., Ciacci,C., 20111123, Psoriasis in a nationwide cohort study of patients with celiac disease, Journal of Investigative DermatologyJ.Invest.Dermatol., 131, 2010-2016, 2011	Study concerned with prevalence of psoriasis in Coeliac disease
Ludvigsson,J.F., Murray,J.A., Adams,P.C.,	Not screened at diagnosis

Excluded studies	Reason for exclusion
Elmberg,M., 20130701, Does hemochromatosis predispose to celiac disease? A study of 29,096 celiac disease patients, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 48, 176-182, 2013	
Ludvigsson,J.F., Olen,O., Bell,M., Ekbom,A., Montgomery,S.M., 20080808, Coeliac disease and risk of sepsis, Gut, 57, 1074-1080, 2008	Not screened at diagnosis
Ludvigsson,J.F., Rubio-Tapia,A., Chowdhary,V., Murray,J.A., Simard,J.F., 20130314, Increased risk of systemic lupus erythematosus in 29,000 patients with biopsy-verified celiac disease, Journal of RheumatologyJ.Rheumatol., 39, 1964-1970, 2012	Not screened at diagnosis
Ludvigsson,J.F., Wahlstrom,J., Grunewald,J., Ekbom,A., Montgomery,S.M., 20080826, Coeliac disease and risk of sarcoidosis, Sarcoidosis Vasculitis & Diffuse Lung Diseases, 24, 121-126, 2007	Not screened at diagnosis
Ludvigsson,J.F., West,J., Ekbom,A., Stephansson,O., 20120730, Reduced risk of breast, endometrial and ovarian cancer in women with celiac disease, International Journal of CancerInt.J.Cancer, 131, E244-E250, 2012	Not screened at diagnosis
Ludvigsson,J.F., Zingone,F., Tomson,T., Ekbom,A., Ciacci,C., 20120627, Increased risk of epilepsy in biopsy-verified celiac disease: a population-based cohort study, Neurology, 78, 1401-1407, 2012	Study concerned about risk of epilepsy after coeliac disease has been diagnosed
Maatta,T., Maatta,J., Tervo-Maatta,T., Taanila,A., Kaski,M., Iivanainen,M., 20110928, Healthcare and guidelines: a population-based survey of recorded medical problems and health surveillance for people with Down syndrome, Journal of Intellectual & Developmental Disability, 36, 118-126, 2011	Unclear how coeliac disease was diagnosed
Majorana,A., Bardellini,E., Ravelli,A., Plebani,A., Polimeni,A., Campus,G., 20100706, Implications of gluten exposure period, CD clinical forms, and HLA typing in the association between celiac disease and dental enamel defects in children. A case-control study, International Journal of Paediatric Dentistry, 20, 119-124, 2010	Not screened at time of diagnosis

Excluded studies	Reason for exclusion
Malamut,G., Chandesris,O., Verkarre,V., Meresse,B., Callens,C., Macintyre,E., Bouhnik,Y., Gornet,J.M., Allez,M., Jian,R., Berger,A., Chatellier,G., Brousse,N., Hermine,O., Cerf-Bensussan,N., Cellier,C., 20131126, Enteropathy associated T cell lymphoma in celiac disease: a large retrospective study, Digestive & Liver Disease, 45, 377-384, 2013	Narrative review
Malamut,G., Verkarre,V., Suarez,F., Viallard,J.F., Lascaux,A.S., Cosnes,J., Bouhnik,Y., Lambotte,O., Bechade,D., Ziol,M., Lavergne,A., Hermine,O., Cerf-Bensussan,N., Cellier,C., 20101025, The enteropathy associated with common variable immunodeficiency: the delineated frontiers with celiac disease, American Journal of GastroenterologyAm.J.Gastroenterol., 105, 2262-2275, 2010	Not all participants received a biopsy
Mansour,A.A., Najeeb,A.A., 20111205, Coeliac disease in Iraqi type 1 diabetic patients, Arab Journal of GastroenterologyArab J.Gastroenterol., 12, 103-105, 2011	Study from a country with high prevalence of enteropathy
Marchese,A., Lovati,E., Biagi,F., Corazza,G.R., 20130610, Coeliac disease and type 1 diabetes mellitus: epidemiology, clinical implications and effects of gluten-free diet, Endocrine, 43, 1-2, 2013	Editorial
Marchese,A., Lovati,E., Biagi,F., Corazza,G.R., Coeliac disease and type 1 diabetes mellitus: Epidemiology, clinical implications and effects of gluten-free diet, Endocrine, 43, 1-2, 2013	Editorial
Marconi,B., Campanati,A., Marzioni,M., Cataldi,I., Brandozzi,G., Giuliodori,K., Santinelli,A., Pisa,E., Ganzetti,G., Offidani,A., 20130401, Bullous pemphigoid of lever and celiac disease: a coincidental occurrence or an unusual association?, Giornale Italiano di Dermatologia e VenereologiaG.Ital.Dermatol.Venereol., 147, 654-656, 2012	Correspondence
Marild,K., Stephansson,O., Grahnquist,L., Cnattingius,S., Soderman,G., Ludvigsson,J.F., Down syndrome is associated with elevated risk of celiac disease: a nationwide case-control study, Journal of PediatricsJ.Pediatr., 163, 237-	Not screened at time of diagnosis

Excluded studies	Reason for exclusion
242, 2013	
Marsden,R.A., McKee,P.H., Bhogal,B., A study of benign chronic bullous dermatosis of childhood and comparison with dermatitis herpetoformis and bullous pemphigoid occurring in childhood, Clinical and Experimental Dermatology.5 (2) (pp 159-176)-, 1980.Date of Publication: 1980., -, 1980	Study not concerned with Coeliac disease
Massironi,S., Rossi,R.E., Fraquelli,M., Bardella,M.T., Elli,L., Maggioni,M., Della,Valle S., Spampatti,M.P., Colombo,M., Conte,D., 20120831, Transient elastography in patients with celiac disease: a noninvasive method to detect liver involvement associated with celiac disease, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 47, 640-648, 2012	Not screened at diagnosis
Mazzaccara,C., Iafusco,D., Liguori,R., Ferrigno,M., Galderisi,A., Vitale,D., Simonelli,F., Landolfo,P., Prisco,F., Masullo,M., Sacchetti,L., 20120831, Mitochondrial diabetes in children: seek and you will find it, PLoS ONE [Electronic Resource], 7, e34956-, 2012	Not screened at diagnosis
McCarthy,F.P., Khashan,A.S., Quigley,E., Shanahan,F., Kenny,L., 20090327, Coeliac disease. Don't forget increased risk of fetal growth restriction, BMJ, 338, b1069-, 2009	Unclear how Coeliac disease was diagnosed
Mehrdad,M., Mansour-Ghanaei,F., Mohammadi,F., Joukar,F., Dodangeh,S., Mansour-Ghanaei,R., 20120823, Frequency of celiac disease in patients with hypothyroidism, Journal of Thyroid ResearchJ.Thyroid.Res., 2012, 201538-, 2012	Not screened at diagnosis
Meneghetti,R., Gerarduzzi,T., Barbi,E., Ventura,A., Chronic urticaria and coeliac disease [1], Archives of Disease in ChildhoodArch.Dis.Child., 89, 293-, 2004	Correspondence
Miceli,E., Lenti,M.V., Padula,D., Luinetti,O., Vattiato,C., Monti,C.M., Di,Stefano M., Corazza,G.R., 20121016, Common features of patients with autoimmune atrophic gastritis, Clinical Gastroenterology & Hepatology, 10, 812-814, 2012	Not screened at diagnosis
Milano,A., Balatsinou,C., Filippone,A.,	Study not concerned with coeliac disease

Excluded studies	Reason for exclusion
Caldarella,M.P., Laterza,F., Lapenna,D., Pierdomenico,S.D., Pace,F., Cuccurullo,F., Neri,M., 20110927, A prospective evaluation of iron deficiency anemia in the GI endoscopy setting: role of standard endoscopy, videocapsule endoscopy, and CT-enteroclysis, Gastrointestinal EndoscopyGastrointest.Endosc., 73, 1002-1008, 2011	
Mirzaagha,F., Azali,S.H., Islami,F., Zamani,F., Khalilipour,E., Khatibian,M., Malekzadeh,R., 20101129, Coeliac disease in autoimmune liver disease: a cross-sectional study and a systematic review. [Review], Digestive & Liver Disease, 42, 620-623, 2010	Study from a country with high prevalence of enteropathy
Mollazadegan,K., Kugelberg,M., Tallstedt,L., Ludvigsson,J.F., 20120719, Increased risk of uveitis in coeliac disease: a nationwide cohort study, British Journal of OphthalmologyBr.J.Ophthalmol., 96, 857-861, 2012	Not screened at diagnosis
Montesu,M.A., Dessi-Fulgheri,C., Pattaro,C., Ventura,V., Satta,R., Cottoni,F., 20110420, Association between psoriasis and coeliac disease? A case-control study, Acta Dermato-VenereologicaActa Derm.-Venereol., 91, 92-93, 2011	Correspondence
Monzani,A., Prodam,F., Rapa,A., Moia,S., Agarla,V., Bellone,S., Bona,G., Natural history of subclinical hypothyroidism in children and adolescents and potential effects of replacement therapy: A review, European Journal of EndocrinologyEur.J.Endocrinol., 168, R1-R11, 2013	Study not concerned with Coeliac disease
Mounajjed,T., Oxentenko,A., Shmidt,E., Smyrk,T., The liver in celiac disease: Clinical manifestations, histologic features, and response to gluten-free diet in 30 patients, American Journal of Clinical PathologyAm.J.Clin.Pathol., 136, 128-137, 2011	Not screened at time of diagnosis
Moura,R., Araujo,J., Guimaraes,R., Crovella,S., Brandao,L., 20130325, Interferon induced with helicase C domain 1 (IFIH1): trends on helicase domain and type 1 diabetes onset, Gene, 516, 66-68, 2013	Unclear how coeliac disease was diagnosed

Excluded studies	Reason for exclusion
Mustalahti,K., Kaukinen,K., Volodicheva,V., Haapala,A.-M., Maki,M., Hyoty,H., Knip,M., Viskari,H., Ilonen,J., Reunanen,A., Uibo,R., Salur,L., Ludvigsson,J., Marciulionyte,D., Hermann,R., Soltesz,G., Fuchtenbusch,M., Ziegler,A., Kondrashova,A., Romanov,A., Lower economic status and inferior hygienic environment may protect against celiac disease, Annals of MedicineAnn.Med., 40, 223-231, 2008	Unclear how Coeliac disease was diagnosed
Nadeem,M., Roche,E.F., Coeliac disease in Turner syndrome, Archives of Disease in ChildhoodArch.Dis.Child., 98, 649-650, 2013	Correspondence
Nass,F.R., Kotze,L.M., Nisihara,R.M., de Messias-Reason,I.J., Ramos da Rosa,Utiyama S., 20110331, Serological and clinical follow-up of relatives of celiac disease patients from southern Brazil, Digestion, 83, 89-95, 2011	Unclear if index proband diagnosed using biopsy
Nejad,M.R., Dabiri,R., Ehsani-Ardakani,M.J., Mojarad,E.N., Derakhshan,F., Telkabadi,M., Rostami,K., Gluten associated dyspepsia; serology and histological characteristics, Gastroenterology and Hepatology from Bed to BenchGastroenterol.Hepatol.Bed Bench, 5, 197-201, 2012	Study from a country with high prevalence of enteropathy
Nemet,A.Y., Vinker,S., Bahar,I., Kaiserman,I., 20110301, The association of keratoconus with immune disorders, Cornea, 29, 1261-1264, 2010	Unclear how coeliac disease was diagnosed
Neuhausen,S.L., Steele,L., Ryan,S., Mousavi,M., Pinto,M., Osann,K.E., Flodman,P., Zone,J.J., 20081216, Co-occurrence of celiac disease and other autoimmune diseases in celiacs and their first-degree relatives, Journal of AutoimmunityJ.Autoimmun., 31, 160-165, 2008	Unclear if index proband diagnosed using biopsy
Not,T., Ziberna,F., Vatta,S., Quaglia,S., Martelossi,S., Villanacci,V., Marzari,R., Florian,F., Vecchiet,M., Sulic,A.M., Ferrara,F., Bradbury,A., Sblattero,D., Ventura,A., 20120118, Cryptic genetic gluten intolerance revealed by intestinal antitransglutaminase antibodies and response to gluten-free diet, Gut, 60, 1487-1493, 2011	Unclear if index proband diagnosed using biopsy
O'Connor,O.J., McSweeney,S.E., McWilliams,S., O'Neill,S., Shanahan,F., Quigley,E.M., Maher,M.M., 20120313, Role of radiologic	Unclear how coeliac disease was diagnosed

Excluded studies	Reason for exclusion
imaging in irritable bowel syndrome: evidence-based review. [Review], Radiology, 262, 485-494, 2012	
Olen,O., Bihagen,E., Rasmussen,F., Ludvigsson,J.F., 20120907, Socioeconomic position and education in patients with coeliac disease, Digestive & Liver Disease, 44, 471-476, 2012	Study concerned with socioeconomic status in a population with coeliac disease
O'Malley,T., Heuberger,R., 20110823, Vitamin D status and supplementation in pediatric gastrointestinal disease. [Review], Journal for Specialists in Pediatric Nursing: JSPN, 16, 140-150, 2011	Not screened at time of diagnosis
Ordonez,F., Lacaille,F., Canioni,D., Talbotec,C., Fournet,J.C., Cerf-Bensussan,N., Goulet,O., Schmitz,J., Ruemmele,F.M., 20130228, Pediatric ulcerative colitis associated with autoimmune diseases: a distinct form of inflammatory bowel disease?, Inflammatory Bowel DiseasesInflammatory Bowel Dis., 18, 1809-1817, 2012	Not screened at diagnosis
Osmancevic,L., Terzic,S., 20120222, Frequency of serological tests positive findings for celiac disease at the first relative of children with celiac disease, Medicinski Arhiv, 65, 354-356, 2011	Unclear if index proband diagnosed using biopsy
Oxford,E.C., Nguyen,D.D., Sauk,J., Korzenik,J.R., Yajnik,V., Friedman,S., Ananthakrishnan,A.N., Impact of coexistent celiac disease on phenotype and natural history of inflammatory bowel diseases, American Journal of GastroenterologyAm.J.Gastroenterol., 108, 1123-1129, 2013	Not screened at time of diagnosis
Ozdil,K., Sokmen,M., Ersoy,O., Demirsoy,H., Kesici,B., Karaca,C., Akbayir,N., Erdem,L., Alkim,C., Sakiz,D., Association of gluten enteropathy and irritable bowel syndrome in adult Turkish population, Digestive Diseases and SciencesDig.Dis.Sci., 53, 1852-1855, 2008	Study from a country with high prevalence of enteropathy
Ozsu,E., Mutlu,R.G.Y., Cizmeci,F., Hatun,S., Characteristics of our patients with hashimoto thyroiditis, Turk Pediatri ArsiviTurk Pediatr.Ars., 46, 252-255, 2011	Unclear how coeliac disease was diagnosed
Parkkola,A., Harkonen,T., Ryhanen,S.J., Ilonen,J.,	Gene association in Type 1 diabetes

Excluded studies	Reason for exclusion
Knip,M., Finnish Pediatric,Diabetes Register, 20140122, Extended family history of autoimmune diseases and phenotype and genotype of children with newly diagnosed type 1 diabetes, European Journal of EndocrinologyEur.J.Endocrinol., 169, 171-178, 2013	
Parmar,A.S., Lappalainen,M., Paavola-Sakki,P., Halme,L., Farkkila,M., Turunen,U., Kontula,K., Aromaa,A., Salomaa,V., Peltonen,L., Halfvarson,J., Torkvist,L., D'Amato,M., Saavalainen,P., Einarsdottir,E., 20130110, Association of celiac disease genes with inflammatory bowel disease in Finnish and Swedish patients, Genes & Immunity, 13, 474-480, 2012	Study concerned with gene associations
Patiroglu,T., Gungor,H.E., Unal,E., 20121204, Autoimmune diseases detected in children with primary immunodeficiency diseases: results from a reference centre at middle anatolia, Acta Microbiologica et Immunologica HungaricaActa Microbiol.Immunol.Hung., 59, 343-353, 2012	Unclear how coeliac disease was diagnosed
Pehlic,M., Vrkic,D., Skrabic,V., Jeroncic,A., Stipancic,G., Urojic,A.S., Marjanac,I., Jaksic,J., Kacic,Z., Boraska,V., Zemunik,T., 20130507, IL12RB2 gene is associated with the age of type 1 diabetes onset in Croatian family Trios, PLoS ONE [Electronic Resource], 7, e49133-, 2012	Gene association study
Phillips,P., Phillips,J., Autoimmune conditions associated with, Medicine TodayMed.Today, 13, 38-44, 2012	Narrative review
Pischke,S., Karsten,W., Hadem,J., Schmidt,S., Heiringhoff,Heinz K., Helfritz,F., Strassburg,C.P., Lobers,J., Zender,L., Tutarel,O., Wedemeyer,J., Manns,M.P., Wedemeyer,H., Rifai,K., Gebel,M., 20110523, Liver transplantation: A new risk factor for intestinal intussusceptions, Annals of HepatologyAnn.Hepatol., 10, 38-42, 2011	Study not concerned with Coeliac disease
Pohjankoski,H., Kautiainen,H., Kotaniemi,K., Korppi,M., Savolainen,A., 20121011, Diabetes, coeliac disease, multiple sclerosis and chronic arthritis in first-degree relatives of patients with juvenile idiopathic arthritis, Acta Paediatrica, 101, 767-771, 2012	Unclear if index proband diagnosed using biopsy
Pohl,J.F., Judkins,J., Meihls,S., Lowichik,A.,	Case reports

Excluded studies	Reason for exclusion
Chatfield,B.A., McDonald,C.M., Cystic fibrosis and celiac disease: Both can occur together, Clinical PediatricsClin.Pediatr., 50, 1153-1155, 2011	
Polat,T.B., Urganci,N., Yalcin,Y., Zeybek,C., Akdeniz,C., Erdem,A., Imanov,E., Celebi,A., Cardiac functions in children with coeliac disease during follow-up: Insights from tissue Doppler imaging, Digestive and Liver DiseaseDig.Liver Dis., 40, 182-187, 2008	Not screened at diagnosis
Pontillo,A., Di,Toro N., Edomi,P., Shadlow,A., Ammadeo,A., Gattorno,M., Not,T., Lepore,L., Crovella,S., 20111110, Anti--enolase Antibodies in Serum from Pediatric Patients Affected by Inflammatory Diseases: Diagnostic and Pathogenetic Insights, International journal of rheumatologyIntl.J.Rheumatol., 2011, 870214-, 2011	Not screened at diagnosis
Popescu,O.E., Landas,S.K., Haas,G.P., 20090220, The spectrum of eosinophilic cystitis in males: case series and literature review. [Review] [51 refs], Archives of Pathology & Laboratory Medicine, 133, 289-294, 2009	Not screened at time of diagnosis
Qiu,Z.X., Zhang,K., Qiu,X.S., Zhou,M., Li,W.M., 20130627, CD226 Gly307Ser association with multiple autoimmune diseases: a meta-analysis, Human ImmunologyHum.Immunol., 74, 249-255, 2013	Gene associations
Rahimi,A.R., Daryani,N.E., Ghofrani,H., Taher,M., Pashaei,M.R., Abdollahzade,S., Kalani,M., Ajdarkosh,H., 20111206, The prevalence of celiac disease among patients with non-alcoholic fatty liver disease in Iran, Turkish Journal of GastroenterologyTurk.J.Gastroenterol., 22, 300-304, 2011	Study from a country with high prevalence of enteropathy
Rajoriya,N., Wotton,C.J., Yeates,D.G., Travis,S.P., Goldacre,M.J., 20091015, Immune-mediated and chronic inflammatory disease in people with sarcoidosis: disease associations in a large UK database, Postgraduate Medical JournalPostgrad.Med.J., 85, 233-237, 2009	Not screened at diagnosis
Rasmussen,M.A., Munck,L.K., 20121101, Systematic review: are lymphocytic colitis and collagenous colitis two subtypes of the same	Unclear how coeliac disease was diagnosed

Excluded studies	Reason for exclusion
disease - microscopic colitis?. [Review], Alimentary Pharmacology & Therapeutics, 36, 79-90, 2012	
Remes-Troche,J.M., Rios-Vaca,A., Ramirez-Iglesias,M.T., Rubio-Tapia,A., Andrade-Zarate,V., Rodriguez-Vallejo,F., Lopez-Maldonado,F., Gomez-Perez,F.J., Uscanga,L.F., 20080805, High prevalence of celiac disease in Mexican Mestizo adults with type 1 diabetes mellitus, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 42, 460-465, 2008	Not screened at diagnosis
Ribaldone,D.G., Astegiano,M., Fagoonee,S., Rizzetto,M., Pellicano,R., 20120327, Epilepsy and celiac disease: review of literature. [Review], Panminerva Medica, 53, 213-216, 2011	Narrative review
Riddle,M.S., Murray,J.A., Porter,C.K., 20121011, The incidence and risk of celiac disease in a healthy US adult population, American Journal of GastroenterologyAm.J.Gastroenterol., 107, 1248-1255, 2012	Not screened at time of diagnosis
Rodrigo,L., Hernandez-Lahoz,C., Fuentes,D., Alvarez,N., Lopez-Vazquez,A., Gonzalez,S., 20110706, Prevalence of celiac disease in multiple sclerosis, BMC NeurologyBMC Neurol., 11, 31-, 2011	Multiple sclerosis not a condition of interest
Rogers,M.A., Levine,D.A., Blumberg,N., Fisher,G.G., Kabeto,M., Langa,K.M., 20120717, Antigenic challenge in the etiology of autoimmune disease in women, Journal of AutoimmunityJ.Autoimmun., 38, J97-J102, 2012	Not screened at time of diagnosis
Rohrer,T.R., Hennes,P., Thon,A., Dost,A., Grabert,M., Rami,B., Wiegand,S., Holl,R.W., Initiative,D.P.V., 20100721, Down's syndrome in diabetic patients aged <20 years: an analysis of metabolic status, glycaemic control and autoimmunity in comparison with type 1 diabetes, Diabetologia, 53, 1070-1075, 2010	Unclear how coeliac disease was diagnosed
Rosato,E., De,Nitto D., Rossi,C., Libanori,V., Donato,G., Di,Tola M., Pisarri,S., Salsano,F., Picarelli,A., 20090619, High incidence of celiac disease in patients with systemic sclerosis, Journal of RheumatologyJ.Rheumatol., 36, 965-969, 2009	Not screened at time of diagnosis

Excluded studies	Reason for exclusion
Rostami-Nejad,M., Villanacci,V., Mashayakhi,R., Molaei,M., Bassotti,G., Zojaji,H., Mirstatari,D., Rostami,K., Zali,M.R., 20100326, Celiac disease and Hp infection association in Iran, Revista Espanola de Enfermedades DigestivasRev.Esp.Enferm.Dig., 101, 850-854, 2009	Study from a country with high prevalence of enteropathy
Saadah,O.I., Al-Agha,A.E., Al Nahdi,H.M., Bokhary,R.Y., Bin Talib,Y.Y., Al-Mughales,J.A., Al Bokhari,S.M., 20121010, Prevalence of celiac disease in children with type 1 diabetes mellitus screened by anti-tissue transglutaminase antibody from Western Saudi Arabia, Saudi Medical JournalSaudi Med.J., 33, 541-546, 2012	Study from a country with high prevalence of enteropathy
Saalman,R., Fallstrom,S.-P., High incidence of urinary tract infection in patients with coeliac disease, Archives of Disease in ChildhoodArch.Dis.Child., 74, 170-171, 1996	Not screened at diagnosis
Sahin,I., Eminbeyli,L., Andic,S., Tuncer,I., Koz,S., 20121016, Screening for celiac disease among patients with chronic kidney disease, Renal FailureRenal Fail., 34, 545-549, 2012	Chronic kidney disease not a condition of interest
Sainsbury,A., Sanders,D.S., Ford,A.C., 20110923, Meta-analysis: Coeliac disease and hypertransaminasaemia, Alimentary Pharmacology & Therapeutics, 34, 33-40, 2011	Included studies excluded other reason for abnormal serum transaminases
Salmi,T.T., Hervonen,K., Kautiainen,H., Collin,P., Reunala,T., 20111017, Prevalence and incidence of dermatitis herpetiformis: a 40-year prospective study from Finland, British Journal of DermatologyBr.J.Dermatol., 165, 354-359, 2011	Study is not concerned with coeliac disease
Saps,M., Adams,P., Bonilla,S., Nichols-Vinueza,D., 20130426, Abdominal pain and functional gastrointestinal disorders in children with celiac disease, Journal of PediatricsJ.Pediatr., 162, 505-509, 2013	Not screened at diagnosis
Sardu,C., Cocco,E., Mereu,A., Massa,R., Cuccu,A., Marrosu,M.G., Contu,P., 20120723, Population based study of 12 autoimmune diseases in Sardinia, Italy: prevalence and comorbidity, PLoS ONE [Electronic Resource], 7, e32487-, 2012	Unclear how coeliac disease was diagnosed

Excluded studies	Reason for exclusion
Sari,S., Yesilkaya,E., Egritas,O., Bideci,A., Cinaz,P., Dalgic,B., 20101026, Prevalence of Celiac disease in Turkish children with type 1 diabetes mellitus and their non-diabetic first-degree relatives, Turkish Journal of GastroenterologyTurk.J.Gastroenterol., 21, 34-38, 2010	Study from a country with high prevalence of enteropathy
Sciberras,R., Association of coeliac disease and thyroid disorders, Malta Medical JournalMalta Med.J., 20, 24-27, 2008	Case report
Seyhan,M., Kandi,B., Akbulut,H., Selimoglu,M.A., Karincaoglu,M., 20110823, Is celiac disease common in patients with vitiligo?, Turkish Journal of GastroenterologyTurk.J.Gastroenterol., 22, 105-106, 2011	Correspondence
Sharifi,N., Khoshbaten,M., Aliasgarzade,A., Bahrami,A., 20110714, Celiac disease in patients with type-1 diabetes mellitus screened by tissue transglutaminase antibodies in northwest of Iran, International Journal Of Diabetes In Developing Countries, 28, 95-99, 2008	Study from a country with high prevalence of enteropathy
Shen,B., Remzi,F.H., Santisi,J., Lashner,B.A., Brzezinski,A., Fazio,V.W., 20081028, Application of wireless capsule endoscopy for the evaluation of iron deficiency anemia in patients with ileal pouches, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 42, 897-902, 2008	Study not concerned with coeliac disease
Shen,T.C., Lebwohl,B., Verma,H., Kumta,N., Tennyson,C., Lewis,S., Scherl,E., Swaminath,A., Capiak,K.M., DiGiacomo,D., Bosworth,B.P., Brannagan,T.H.,III, Green,P.H., 20120904, Peripheral neuropathic symptoms in celiac disease and inflammatory bowel disease, Journal of Clinical Neuromuscular DiseaseJ.Clin.Neuromuscular Dis., 13, 137-145, 2012	Not screened at diagnosis
Sibtain,A.M., Spady,D., El-Matary,W., Immune-related disorders in families of children with inflammatory bowel disease - A prospective cohort study, Italian Journal of PediatricsItal.J.Pediatr., 37, -, 2011	Unclear if index proband diagnosed using biopsy
Simell,S., Hoppu,S., Simell,T., Stahlberg,M.R.,	Coeliac disease diagnosed with serology not

Excluded studies	Reason for exclusion
Viander,M., Routi,T., Simell,V., Veijola,R., Ilonen,J., Hyoty,H., Knip,M., Simell,O., 20100624, Age at development of type 1 diabetes- and celiac disease-associated antibodies and clinical disease in genetically susceptible children observed from birth, Diabetes Care, 33, 774-779, 2010	biopsy
Simsek,D.G., Aycan,Z., Ozen,S., Cetinkaya,S., Kara,C., Abali,S., Demir,K., Tunc,O., Ucakturk,A., Asar,G., Bas,F., Cetinkaya,E., Aydin,M., Karaguzel,G., Orbak,Z., Siklar,Z., Altincik,A., Okten,A., Ozkan,B., Ocal,G., Semiz,S., Arslanoglu,I., Evliyaoglu,O., Bundak,R., Darcan,S., Diabetes care, glycemic control, complications, and concomitant autoimmune diseases in children with type 1 diabetes in Turkey: a multicenter study, Journal of clinical research in pediatric endocrinology, 5, 20-26, 2013	Study not concerned with coeliac disease
Singhal,M., Makharia,G., Bakhshi,S., Childhood chronic myeloid leukemia with celiac disease, Pediatric Blood and CancerPediatr.Blood Cancer, 54, 177-, 2010	Correspondence
Sinha,S.K., Nain,C.K., Udawat,H.P., Prasad,K.K., Das,R., Nagi,B., Singh,K., 20081030, Cervical esophageal web and celiac disease, Journal of Gastroenterology & Hepatology, 23, t-52, 2008	Cervical osephageal web not a condition of interest
Skare,T., Nisihara,R.M., Utiyama,S.R.R., Is it worth investigating coeliac disease in patients with rheumatic disorders?, Rheumatology (United Kingdom), 52, 217-218, 2013	Correspondence
Solheim,B.G., Ek,J., Thune,P.O., Baklien,K., Bratlie,A., Rankin,B., Thoresen,A.B., Thorsby,E., 19760430, HLA antigens in dermatitis herpetiformis and coeliac disease, Tissue Antigens, 7, 57-59, 1976	Not screened with test of interest
Sollid,L.M., Scott,H., Kolberg,J., Brandtzaeg,P., 19870108, Serum antibodies to wheat germ agglutinin and gluten in patients with dermatitis herpetiformis, Archives of Dermatological Research, 278, 433-436, 1986	Not screened at diagnosis
Soon,I.S., Butzner,J.D., Kaplan,G.G., Debruyn,J.C., Incidence and prevalence of eosinophilic esophagitis in children, Journal of Pediatric Gastroenterology & Nutrition, 57, 72-	Not screened at time of diagnosis

Excluded studies	Reason for exclusion
80, 2013	
Sorensen,H.T., Fonager,K., 20130321, Risk estimation of disorders associated with coeliac disease. A 16-year Danish nationwide follow-up study based on hospital discharge data. Implications for screening, International Journal of Risk & Safety in Medicine, 8, 137-140, 1996	Not screened at time of diagnosis
Srivastava,A., Yachha,S.K., Mathias,A., Parveen,F., Poddar,U., Agrawal,S., 20100423, Prevalence, human leukocyte antigen typing and strategy for screening among Asian first-degree relatives of children with celiac disease, Journal of Gastroenterology & Hepatology, 25, 319-324, 2010	Not all were screened using biopsy
Stenberg,R., Dahle,C., Lindberg,E., Schollin,J., 20100514, Increased prevalence of anti-gliadin antibodies and anti-tissue transglutaminase antibodies in children with cerebral palsy, Journal of Pediatric Gastroenterology & Nutrition, 49, 424-429, 2009	Cerebral palsy not a condition of interest
Stewart,M., Andrews,C.N., Urbanski,S., Beck,P.L., Storr,M., 20110927, The association of coeliac disease and microscopic colitis: a large population-based study, Alimentary Pharmacology & Therapeutics, 33, 1340-1349, 2011	Study concerned with association between Coeliac disease and microspcopic colitis
Sumnik,Z., Cinek,O., Bratanic,N., Lebl,J., Rozsai,B., Limbert,C., Paskova,M., Schober,E., Thyroid autoimmunity in children with coexisting type 1 diabetes mellitus and celiac disease: A multicenter study, Journal of Pediatric Endocrinology and MetabolismJ.Pediatr.Endocrinol.Metab., 19, 517-522, 2006	Study concerned with prevalence of autoimmunity in children with co-existing Type 1 diabetes and coeliac disease
Sun,D.C., Albacete,R.A., Chen,J.K., 19670808, Malabsorption studies in cirrhosis of the liver, Archives of Internal Medicine, 119, 567-572, 1967	Unclear how Coeliac disease was diagnosed
Sutton,D.R., Baird,I.M., Stewart,J.S., Croft,D.N., Coghill,N.F., 19720202, Gastrointestinal iron losses in atrophic gastritis, postgastrectomy states and adult coeliac disease, Gut, 12, 869-870, 1971	Conference abstract
Sutton,D.R., Stewart,J.S., Baird,I.M., Coghill,N.F.,	Not screened at diagnosis

Excluded studies	Reason for exclusion
19700930, "Free" iron loss in atrophic gastritis, post-gastrectomy states, and adult coeliac disease, Lancet, 2, 387-389, 1970	
Szypowska,A., Ramotowska,A., Lipka,M., Procner-Czaplinska,M., Trippenbach-Dulska,H., The prevalence of autoimmune thyroid disease and celiac disease in children and adolescents with newly recognized type 1 diabetes mellitus - individual results, Przeglad PediatrycznyPrz.Pediatr., 40, 142-145, 2010	Non-English language
Taubman,B., Mamula,P., Sherry,D.D., 20111110, Prevalence of asymptomatic celiac disease in children with fibromyalgia: a pilot study, Pediatric Rheumatology Online Journal, 9, 11-, 2011	Fibromyalgia not a condition of interest
Temmerman,F., Baert,F., 20100525, Collagenous and lymphocytic colitis: systematic review and update of the literature. [Review] [84 refs], Digestive DiseasesDig.Dis., 27, Suppl-45, 2009	Study not concerned with coeliac disease
Teresi,S., Crapisi,M., Vallejo,M.D., Castellaneta,S.P., Francavilla,R., Iacono,G., Ravelli,A., Menegazzi,P., Louali,M., Catassi,C., 20110215, Celiac disease seropositivity in Saharawi children: a follow-up and family study, Journal of Pediatric Gastroenterology & Nutrition, 50, 506-509, 2010	Unclear if index proband diagnosed using biopsy
Teufel,A., Weinmann,A., Kahaly,G.J., Centner,C., Piendl,A., Worns,M., Lohse,A.W., Galle,P.R., Kanzler,S., 20100519, Concurrent autoimmune diseases in patients with autoimmune hepatitis, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 44, 208-213, 2010	Unclear how coeliac disease was diagnosed
Thapa,B.R., Rawal,P., Sapra,B., Vaiphei,K., Nain,C.K., Singh,K., 20110511, Familial prevalence of celiac disease, Journal of Tropical PediatricsJ.Trop.Pediatr., 57, 45-50, 2011	Not all underwent biopsy
Thonhofer,R., Trummer,M., Siegel,C., Capillaroscopy shows an active pattern of scleroderma in coeliac disease, Scandinavian Journal of RheumatologyScand.J.Rheumatol., 39, 438-439, 2010	Case report
Topal,F., Akbulut,S., Topcu,I.C., Dolek,Y.,	Case report

Excluded studies	Reason for exclusion
Yonem,O., 20091217, An adult case of celiac sprue triggered after an ileal resection for perforated Meckel's diverticulum, World Journal of GastroenterologyWorld J.Gastroenterol., 15, 4075-4076, 2009	
Tosun,M.S., Ertekin,V., Selimoglu,M.A., 20100920, Autoimmune hepatitis associated with celiac disease in childhood, European Journal of Gastroenterology & Hepatology, 22, 898-899, 2010	Correspondence
Tosun,M.S., Ertekin,V., Sumbullu,M.A., Selimoglu,M.A., Kara,M., Kilic,N., Oral findings in children with celiac disease, Turkish Journal of Medical SciencesTurk.J.Med.Sci., 42, 613-617, 2012	Not screened at diagnosis
Tursi,A., Elisei,W., Giorgetti,G.M., Gaspardone,A., Lecca,P.G., Di,Cesare L., Brandimarte,G., 20100907, Prevalence of celiac disease and symptoms in relatives of patients with celiac disease, European Review for Medical & Pharmacological Sciences, 14, 567-572, 2010	Includes 2nd degree relatives
Unsworth,D.J., Leonard,J.N., McMinn,R.M., Swain,A.F., Holborow,E.J., Fry,L., 19820326, Anti-gliadin antibodies and small intestinal mucosal damage in dermatitis herpetiformis, British Journal of Dermatology, 105, 653-658, 1981	Study not concerned with Coeliac disease
Uygur-Bayramicli,O., Ozel,A.M., Celiac disease is associated with neurological syndromes, Digestive Diseases and SciencesDig.Dis.Sci., 56, 1587-1588, 2011	Case reports
Vajro,P., Paolella,G., Maggiore,G., Giordano,G., Pediatric celiac disease, cryptogenic hypertransaminasemia, and autoimmune hepatitis, Journal of Pediatric Gastroenterology & Nutrition, 56, 663-670, 2013	Systematic review including studies with serological diagnosis of coeliac disease
Vajro,P., Paolella,G., Pisano,P., Maggiore,G., Hypertransaminasemia and coeliac disease, Alimentary Pharmacology and TherapeuticsAliment.Pharmacol.Ther., 35, 202-203, 2012	Correspondence
Valicenti-McDermott,M.D., McVicar,K., Cohen,H.J., Wershil,B.K., Shinnar,S., 20090409,	Study not concerned with prevalence of coeliac disease

Excluded studies	Reason for exclusion
Gastrointestinal symptoms in children with an autism spectrum disorder and language regression, Pediatric NeurologyPediatr.Neurol., 39, 392-398, 2008	
Vazquez,H., Cabanne,A., Sugai,E., Fiorini,A., Pedreira,S., Maurino,E., Smecuol,E., Dezi,R., Niveloni,S., Valero,J., De,Rosa S., Litwin,N., Kogan,Z., Boerr,L.A., Bai,J.C., 19970123, Serological markers identify histologically latent coeliac disease among first-degree relatives, European Journal of Gastroenterology & Hepatology, 8, 15-21, 1996	Unclear how coeliac disease was diagnosed
Verd,S., Amat,J.N., 20080813, Febrile seizures and celiac disease, Journal of PediatricsJ.Pediatr., 153, 298-299, 2008	Correspondence
Virta,L.J., Kolho,K.L., 20130708, The risk of contracting pediatric inflammatory bowel disease in children with celiac disease, epilepsy, juvenile arthritis and type 1 diabetes--a nationwide study, Journal of Crohn's & colitis, 7, 53-57, 2013	Not screened at time of diagnosis
Vives,M.J., Esteve,M., Marine,M., Fernandez-Banares,F., Alsina,M., Salas,A., Loras,C., Carrasco,A., Almagro,P., Viver,J.M., Rodriguez-Carballeira,M., 20130114, Prevalence and clinical relevance of enteropathy associated with systemic autoimmune diseases, Digestive & Liver Disease, 44, 636-642, 2012	Condition (systemic autoimmune disease) not of interest
Volta,U., Cassani,F., de,Franchis R., Lenzi,M., Primignani,M., Agape,D., Vecchi,M., Bianchi,F.B., Pisi,E., 19850220, Antibodies to gliadin in adult coeliac disease and dermatitis herpetiformis, Digestion, 30, 263-270, 1984	Not at diagnosis
Walters,J.R.F., Bamford,K.B., Ghosh,S., Coeliac disease and the risk of infections, Gut, 57, 1034-1035, 2008	Short communication
Wang,N., Shen,N., Vyse,T.J., Anand,V., Gunnarson,I., Sturfelt,G., Rantapaa-Dahlqvist,S., Elvin,K., Truedsson,L., Andersson,B.A., Dahle,C., Ortqvist,E., Gregersen,P.K., Behrens,T.W., Hammarstrom,L., 20120803, Selective IgA deficiency in autoimmune diseases. [Review], Molecular MedicineMol.Med., 17, 1383-1396, 2011	Narrative review

Excluded studies	Reason for exclusion
Weinstock,L.B., Walters,A.S., 20111013, Restless legs syndrome is associated with irritable bowel syndrome and small intestinal bacterial overgrowth, Sleep MedicineSleep Med., 12, 610-613, 2011	Unclear how coeliac disease was diagnosed
Wilmott -.W., Celiac disease and arthritis in Down syndrome, Journal of PediatricsJ.Pediatr., 154, A2-, 2009	Summary
Wingren,C.J., Agardh,D., Merlo,J., 20130314, Acculturation and celiac disease risk in second-generation immigrants: a nationwide cohort study in Sweden, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 47, 1174-1180, 2012	population not of interest
Wingren,C.J., Agardh,D., Merlo,J., 20130430, Congenital anomalies and childhood celiac disease in Sweden, Journal of Pediatric Gastroenterology & Nutrition, 55, 736-739, 2012	Unclear how coeliac disease was diagnosed
Wingren,C.J., Bjorck,S., Lynch,K.F., Ohlsson,H., Agardh,D., Merlo,J., 20120416, Coeliac disease in children: a social epidemiological study in Sweden, Acta Paediatrica, 101, 185-191, 2012	Unclear of diagnostic strategy
Yilmaz,Y., Baran,B., Seniz,N.B., Dolar,E., 20100511, Familial Mediterranean Fever coexisting with celiac disease: is there a link with long-term colchicine treatment?, Journal of Gastrointestinal & Liver Diseases, 18, 119-120, 2009	Correspondence
Young,J., 20081113, Common comorbidities seen in adolescents with attention-deficit/hyperactivity disorder. [Review] [33 refs], Adolescent Medicine, 19, 216-228, 2008	Systematic review
Zamani,F., Shahram,F., Shakeri,R., Zayyeni,H., Davatchi,F., Amiri,A., Malekzadeh,R., 20090710, Prevalence of celiac disease among patients with Behcet's disease in Iran, Digestive Diseases & Sciences, 54, 1736-1739, 2009	Condition (Behcet's disease) not of interest
Zheng,J., Ibrahim,S., Petersen,F., Yu,X., 20130510, Meta-analysis reveals an association of PTPN22 C1858T with autoimmune diseases, which depends on the localization of the affected tissue, Genes & Immunity, 13, 641-652,	Study not concerned with coeliac disease

Excluded studies	Reason for exclusion
2012	
Zins,B.J., Tremaine,W.J., Carpenter,H.A., 19950601, Collagenous colitis: mucosal biopsies and association with fecal leukocytes, Mayo Clinic ProceedingsMayo Clin.Proc., 70, 430-433, 1995	Not screened at diagnosis

G.3 Review question 4.3

Excluded studies	Reason for exclusion
Acar,S., Yetkiner,A.A., Ersin,N., Oncag,O., Aydogdu,S., Arikan,C., 20120611, Oral findings and salivary parameters in children with celiac disease: a preliminary study, Medical Principles & Practice, 21, 129-133, 2012	Study not concerned with undiagnosed or untreated coeliac disease
Adriaanse,M.P.M., Tack,G.J., Passos,V.L., Damoiseaux,J.G.M.C., Schreurs,M.W.J., Van,Wijck K., Riedl,R.G., Masclee,A.A.M., Buurman,W.A., Mulder,C.J.J., Vreugdenhil,A.C.E., Serum I-FABP as marker for enterocyte damage in coeliac disease and its relation to villous atrophy and circulating autoantibodies, Alimentary Pharmacology and TherapeuticsAliment.Pharmacol.Ther., 37, 482-490, 2013	Study concerned with predictors of enterocyte damage in adult-onset Coeliac disease
Agardh,D., Bjorck,S., Agardh,C.D., Lidfeldt,J., 20090727, Coeliac disease-specific tissue transglutaminase autoantibodies are associated with osteoporosis and related fractures in middle-aged women, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 44, 571-578, 2009	Outcome of interest (estimation of risk) not reported
Anderson,L.A., Gadalla,S., Morton,L.M., Landgren,O., Pfeiffer,R., Warren,J.L., Berndt,S.I., Ricker,W., Parsons,R., Engels,E.A., 20090619, Population-based study of autoimmune conditions and the risk of specific lymphoid malignancies, International Journal of CancerInt.J.Cancer, 125, 398-405, 2009	Study not concerned with undiagnosed or untreated coeliac disease
Ansell,P., Simpson,J., Lightfoot,T., Smith,A., Kane,E., Howell,D., Newton,R., McGonagle,D., Jack,A., Roman,E., 20110804, Non-Hodgkin lymphoma and autoimmunity: does gender matter?, International Journal of	Study not concerned with undiagnosed or untreated coeliac disease

Excluded studies	Reason for exclusion
CancerInt.J.Cancer, 129, 460-466, 2011	
Artan,R., van Diggelen,O.P., Huijmans,J.G., 19981130, Glycogen storage disease type III with diagnosis complicated by gluten-sensitive enteropathy, Journal of Inherited Metabolic Disease, 21, 437-438, 1998	Case report
Atteno,M., Costa,L., Tortora,R., Cozzolino,A., Del,Puente A., Caso,F., Sfriso,P., Scarpa,R., Ciacci,C., 20130619, The occurrence of lower limb enthesopathy in coeliac disease patients without clinical signs of articular involvement, RheumatologyRheumatology (UK), 52, 893-897, 2013	Study not concerned with undiagnosed or untreated coeliac disease
Baldassarre,M.E., Laneve,A., Fontana,A., Manca,F., Salvia,G., Barcaglioni,P., Cella,A., Giannuzzo,S., Esposito,L., Capursi,T., Mastrorilli,C., Padovano,A., Laforgia,N., 20130422, Usefulness of tissue transglutaminase type 2 antibodies in early pregnancy, Immunopharmacology & Immunotoxicology, 34, 932-936, 2012	Inconsistent data in article
Barry,R.E., Read,A.E., 19741218, Coeliac disease and malignancy, Quarterly Journal of Medicine, 42, 665-675, 1973	Study not concerned with undiagnosed or untreated coeliac disease
Ben,Abdelghani K., Mouelhi,L., Hriz,A., Hajri,S., Najjar,T., Mahfoudhi,M., Turki,S., Khedher,A., 20120807, Systemic lupus erythematosus and celiac disease, Joint, Bone, Spine: Revue du Rhumatisme, 79, 202-203, 2012	Correspondence
Berndt,H., 19690207, Malabsorption in cancer of and outside the bowel, Digestion, 1, 305-310, 1968	Narrative reviwe
Biagi,F., Corazza,G.R., 20100608, Mortality in celiac disease. [Review] [34 refs], Nature Reviews Gastroenterology & Hepatology, 7, 158-162, 2010	Unclear how coeliac disease was diagnosed
Bjornsdottir,S., Saaf,M., Bensing,S., Kampe,O., Michaelsson,K., Ludvigsson,J.F., 20110920, Risk of hip fracture in Addison's disease: a population-based cohort study, Journal of Internal MedicineJ.Intern.Med.(GBR), 270, 187-195, 2011	Study not concerned with undiagnosed or untreated coeliac disease
Blazina,S., Bratanic,N., Campa,A.S., Blagus,R.,	Outcome of interest (estimation of risk) not

Excluded studies	Reason for exclusion
Orel,R., 20110126, Bone mineral density and importance of strict gluten-free diet in children and adolescents with celiac disease, Bone, 47, 598-603, 2010	reported
Bukulmez,A., Dalgic,B., Gunduz,B., Sari,S., Bayazit,Y.A., Kemaloglu,Y.K., The evaluation of hearing loss in children with celiac disease, International Journal of Pediatric OtorhinolaryngologyInt.J.Pediatr.Otorhinolaryngol., 77, 175-179, 2013	Not screened at diagnosis
Catassi,C., Lionetti,E., Coeliac disease and suicide risk: Facts or artefacts?, Digestive and Liver DiseaseDig.Liver Dis., 43, 585-586, 2011	Narrative review
Cengiz,C., Bulut,S., Boyacioglu,S., 20100105, Enteropathy-type T-cell lymphoma presenting with chronic diarrhea not associated with celiac disease, Journal of Gastrointestinal & Liver Diseases, 18, 388-389, 2009	Correspondence
Chakravarthi,S.D., Jain,K., Kochhar,R., Bhadada,S.K., Khandelwal,N., Bhansali,A., Dutta,U., Nain,C.K., Singh,K., 20130227, Prevalence and predictors of abnormal bone mineral metabolism in recently diagnosed adult celiac patients, Indian Journal of GastroenterologyIndian J.Gastroenterol., 31, 165-170, 2012	Outcome of interest (estimation of risk) not reported
Cheng,J., Malahias,T., Brar,P., Minaya,M.T., Green,P.H., 20100519, The association between celiac disease, dental enamel defects, and aphthous ulcers in a United States cohort, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 44, 191-194, 2010	Study not concerned with undiagnosed or untreated coeliac disease
Choi,J.M., Lebwohl,B., Wang,J., Lee,S.K., Murray,J.A., Sauer,M.V., Green,P.H., 20110726, Increased prevalence of celiac disease in patients with unexplained infertility in the United States, Journal of Reproductive MedicineJ.Reprod.Med., 56, 199-203, 2011	Outcome of interest (estimation of risk) not reported
Chow,M.A., Lebwohl,B., Reilly,N.R., Green,P.H., 20130411, Immunoglobulin A deficiency in celiac disease, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 46, 850-854, 2012	Study not concerned with undiagnosed or untreated coeliac disease

Excluded studies	Reason for exclusion
Corazzo,G.R., Gasbarrini,G., 19831123, Defective splenic function and its relation to bowel disease, Clinics in Gastroenterology, 12, 651-669, 1983	Narrative review
Costello,C., Smith,J.R., 19961231, Vulvodynia associated with coeliac disease, British Journal of Obstetrics & Gynaecology, 103, 1162-1163, 1996	Case report
Currie,S., Hadjivassiliou,M., Clark,M.J., Sanders,D.S., Wilkinson,I.D., Griffiths,P.D., Hoggard,N., 20130116, Should we be 'nervous' about coeliac disease? Brain abnormalities in patients with coeliac disease referred for neurological opinion, Journal of Neurology, Neurosurgery & Psychiatry, 83, 1216-1221, 2012	Study not concerned with undiagnosed or untreated coeliac disease
de,Menthon M., Dusser,D.J., Guillevin,L., Burgel,P.R., 20101126, Undiagnosed coeliac disease in patients with emphysema: a fortuitous association?, European Respiratory JournalEur.Respir.J., 36, 453-456, 2010	Correspondence
Delabie,J., Holte,H., Vose,J.M., Ullrich,F., Jaffe,E.S., Savage,K.J., Connors,J.M., Rimsza,L., Harris,N.L., Muller-Hermelink,K., Rudiger,T., Coiffier,B., Gascoyne,R.D., Berger,F., Tobinai,K., Au,W.Y., Liang,R., Montserrat,E., Hochberg,E.P., Pileri,S., Federico,M., Nathwani,B., Armitage,J.O., Weisenburger,D.D., 20110901, Enteropathy-associated T-cell lymphoma: clinical and histological findings from the international peripheral T-cell lymphoma project, Blood, 118, 148-155, 2011	Not concerned with Coeliac disease
Dennison,E.M., Compston,J.E., Flahive,J., Siris,E.S., Gehlbach,S.H., Adachi,J.D., Boonen,S., Chapurlat,R., Diez-Perez,A., Anderson,F.A.,Jr., Hooven,F.H., LaCroix,A.Z., Lindsay,R., Netelenbos,J.C., Pfeilschifter,J., Rossini,M., Roux,C., Saag,K.G., Sambrook,P., Silverman,S., Watts,N.B., Greenspan,S.L., Premaor,M., Cooper,C., Investigators,G.L.O.W., 20120913, Effect of co-morbidities on fracture risk: findings from the Global Longitudinal Study of Osteoporosis in Women (GLOW), Bone, 50, 1288-1293, 2012	Not screened at time of diagnosis
Dezi,R., Niveloni,S., Sugai,E., Pedreira,S., Smecuol,E., Vazquez,H., Doldan,I., Cabanne,A.,	Study not concerned with undiagnosed or untreated coeliac disease

Excluded studies	Reason for exclusion
Boerr,L., Valero,J., Kogan,Z., Maurino,E., Bai,J.C., 19970902, Gluten sensitivity in the rectal mucosa of first-degree relatives of celiac disease patients, American Journal of GastroenterologyAm.J.Gastroenterol., 92, 1326-1330, 1997	
Diamanti,A., Ferretti,F., Guglielmi,R., Panetta,F., Colistro,F., Cappa,M., Daniele,A., Sole,Basso M., Noto,C., Crisogianni,M., Castro,M., 20111207, Thyroid autoimmunity in children with coeliac disease: a prospective survey, Archives of Disease in ChildhoodArch.Dis.Child., 96, 1038-1041, 2011	Study not concerned with undiagnosed or untreated coeliac disease
Dorn,S.D., Hernandez,L., Minaya,M.T., Morris,C.B., Hu,Y., Lewis,S., Leserman,J., Bangdiwala,S.I., Green,P.H., Drossman,D.A., 20101116, Psychosocial factors are more important than disease activity in determining gastrointestinal symptoms and health status in adults at a celiac disease referral center, Digestive Diseases & Sciences, 55, 3154-3163, 2010	Study not concerned with undiagnosed or untreated coeliac disease
Duerksen,D.R., Leslie,W.D., 20120117, Longitudinal evaluation of bone mineral density and body composition in patients with positive celiac serology, Journal of Clinical DensitometryJ.Clin.Densitometry, 14, 478-483, 2011	Study not concerned with undiagnosed or untreated coeliac disease
Elfstrom,P., Granath,F., Ekstrom,Smedby K., Montgomery,S.M., Askling,J., Ekbom,A., Ludvigsson,J.F., 20110418, Risk of lymphoproliferative malignancy in relation to small intestinal histopathology among patients with celiac disease, Journal of the National Cancer InstituteJ.Natl.Cancer Inst., 103, 436-444, 2011	Not screened at diagnosis
Elfstrom,P., Montgomery,S.M., Kampe,O., Ekbom,A., Ludvigsson,J.F., 20081124, Risk of thyroid disease in individuals with celiac disease, Journal of Clinical Endocrinology & Metabolism, 93, 3915-3921, 2008	Study not concerned with undiagnosed or untreated coeliac disease
Emilsson,L., Andersson,B., Elfstrom,P., Green,P.H., Ludvigsson,J.F., 20121107, Risk of idiopathic dilated cardiomyopathy in 29 000 patients with celiac disease, Journal of the American Heart AssociationJ.Am.Heart Assoc.,	Study not concerned with undiagnosed or untreated coeliac disease

Excluded studies	Reason for exclusion
1, e001594-, 2012	
Emilsson,L., Carlsson,R., Holmqvist,M., James,S., Ludvigsson,J.F., The characterisation and risk factors of ischaemic heart disease in patients with coeliac disease, Alimentary Pharmacology & Therapeutics, 37, 905-914, 2013	Study not concerned with undiagnosed or untreated Coeliac disease
Emilsson,L., Smith,J.G., West,J., Melander,O., Ludvigsson,J.F., 20120203, Increased risk of atrial fibrillation in patients with coeliac disease: a nationwide cohort study, European Heart JournalEur.Heart J., 32, 2430-2437, 2011	Not screened at diagnosis
ESTREN,S., 20020501, The blood and bone marrow in idiopathic sprue, Journal of the Mount Sinai Hospital, New York, 24, 304-316, 1957	Not at diagnosis
Floreani,A., Chiaramonte,M., Venturini,R., Plebani,M., Martin,A., Giacomini,A., Naccarato,R., 19921204, Antigliadin antibody classes in chronic liver disease, Italian Journal of Gastroenterology, 24, 457-460, 1992	Not screened at diagnosis
Fouda,M.A., Khan,A.A., Sultan,M.S., Rios,L.P., McAssey,K., Armstrong,D., 20130212, Evaluation and management of skeletal health in celiac disease: position statement. [Review], Canadian Journal of GastroenterologyCan.J.Gastroenterol., 26, 819-829, 2012	Position statement
Franks,A.L., Slansky,J.E., 20120524, Multiple associations between a broad spectrum of autoimmune diseases, chronic inflammatory diseases and cancer. [Review], Anticancer ResearchAnticancer Res., 32, 1119-1136, 2012	Narrative review
Gabrielli,M., Santoliquido,A., Gasbarrini,G., Pola,P., Gasbarrini,A., Latent coeliac disease, hyperhomocysteinemia and pulmonary thromboembolism: A close link?, Thrombosis and Haemostasis.89 (1) (pp 203-204)-, 2003.Date of Publication: 01 Jan 2003., -, 2003	Correspondence
Gale,J., Simmonds,P.D., Mead,G.M., Sweetenham,J.W., Wright,D.H., 20000713, Enteropathy-type intestinal T-cell lymphoma: clinical features and treatment of 31 patients in a single center, Journal of Clinical OncologyJ.Clin.Oncol., 18, 795-803, 2000	Study not concerned with undiagnosed or untreated coeliac disease

Excluded studies	Reason for exclusion
Gao,Y., Kristinsson,S.Y., Goldin,L.R., Bjorkholm,M., Caporaso,N.E., Landgren,O., 20090212, Increased risk for non-Hodgkin lymphoma in individuals with celiac disease and a potential familial association, Gastroenterology, 136, 91-98, 2009	Study not concerned with undiagnosed or untreated coeliac disease
Garcia-Manzanares,A., Tenias,J.M., Lucendo,A.J., 20130322, Bone mineral density directly correlates with duodenal Marsh stage in newly diagnosed adult celiac patients, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 47, 927-936, 2012	Outcome of interest (estimation of risk) not reported
Garud,S., Leffler,D., Dennis,M., Edwards-George,J., Saryan,D., Sheth,S., Schuppan,D., Jamma,S., Kelly,C.P., 20090910, Interaction between psychiatric and autoimmune disorders in coeliac disease patients in the Northeastern United States, Alimentary Pharmacology & Therapeutics, 29, 898-905, 2009	Study not concerned with undiagnosed or untreated Coeliac disease
Goldacre,M.J., Wotton,C.J., Seagroatt,V., Yeates,D., Cancers and immune related diseases associated with Down's syndrome: A record linkage study, Archives of Disease in ChildhoodArch.Dis.Child., 89, 1014-1017, 2004	Unclear how coeliac disease was diagnosed
Goldacre,M.J., Wotton,C.J., Yeates,D., Seagroatt,V., Jewell,D., Cancer in patients with ulcerative colitis, Crohn's disease and coeliac disease: Record linkage study, European Journal of Gastroenterology and HepatologyEur.J.Gastroenterol.Hepatol., 20, 297-304, 2008	Study not concerned with undiagnosed or untreated coeliac disease
Gonda,T.A., Khan,S.U., Cheng,J., Lewis,S.K., Rubin,M., Green,P.H., 20101014, Association of intussusception and celiac disease in adults, Digestive Diseases & Sciences, 55, 2899-2903, 2010	Not screened at diagnosis
Grainge,M.J., West,J., Solaymani-Dodaran,M., Card,T.R., Logan,R.F., 20120529, The long-term risk of malignancy following a diagnosis of coeliac disease or dermatitis herpetiformis: a cohort study, Alimentary Pharmacology & Therapeutics, 35, 730-739, 2012	Study not concerned with untreated or undiagnosed Coeliac disease
Granath,A., Hellgren,M., Gunnarsson,R.,	Outcome of interest (estimation of risk) not

Excluded studies	Reason for exclusion
20120406, Lactose intolerance and long-standing pelvic pain after pregnancy: a case control study, Acta Obstetricia et Gynecologica Scandinavica, 86, 1273-1276, 2007	reported
Gungor,S., Celiloglu,O.S., Ozcan,O.O., Raif,S.G., Selimoglu,M.A., 20130701, Frequency of celiac disease in attention-deficit/hyperactivity disorder, Journal of Pediatric Gastroenterology & Nutrition, 56, 211-214, 2013	ADHD not a condition of interest
HEC,F., Vernier-Massouille,G., Mariette,C., Recurrent small bowel intussusceptions in coeliac disease, International Journal of Colorectal DiseaseInt.J.Colorectal Dis., 28, 435-436, 2013	Correspondence
Hemminki,K., Liu,X., Ji,J., Forsti,A., Sundquist,J., Sundquist,K., Effect of autoimmune diseases on risk and survival in female cancers, Gynecologic OncologyGynecol.Oncol., 127, 180-185, 2012	Study not concerned with undiagnosed or untreated coeliac disease
Henri-Bhargava,A., Melmed,C., Glikstein,R., Schipper,H.M., 20081003, Neurologic impairment due to vitamin E and copper deficiencies in celiac disease, Neurology, 71, 860-861, 2008	Correspondence
Jacobsen,M.B., Fausa,O., Elgjo,K., Schrumpf,E., 19901005, Hepatic lesions in adult coeliac disease.[Erratum appears in Scand J Gastroenterol 1990 Oct;25(10):inside front cov], Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 25, 656-662, 1990	Study not concerned with undiagnosed or untreated coeliac disease
Jatla,M., Zemel,B.S., Bierly,P., Verma,R., 20090601, Bone mineral content deficits of the spine and whole body in children at time of diagnosis with celiac disease, Journal of Pediatric Gastroenterology & Nutrition, 48, 175-180, 2009	Study used a surrogate marker and does not report T score
Kallel,L., Matri,S., Karoui,S., Fekih,M., Boubaker,J., Filali,A., Deep venous thrombosis related to protein s deficiency revealing celiac disease, American Journal of GastroenterologyAm.J.Gastroenterol., 104, 256-257, 2009	Correspondence
Kane,E.V., Newton,R., Roman,E., 20120404, Non-Hodgkin lymphoma and gluten-sensitive	Not concerned with undiagnosed or untreated coeliac disease

Excluded studies	Reason for exclusion
enteropathy: estimate of risk using meta-analyses, Cancer Causes & Control, 22, 1435-1444, 2011	
Karabulut,H., Hizli,S., Dagli,M., Karabulut,I., Acar,B., Celik,E., Abaci,A., Ozdemir,O., Karasen,R.M., 20110729, Audiological findings in celiac disease, Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties, 73, 82-87, 2011	Study not concerned with undiagnosed or untreated coeliac disease
Karavanaki,K., Kakleas,K., Paschali,E., Kefalas,N., Konstantopoulos,I., Petrou,V., Kanariou,M., Karayianni,C., 20090625, Screening for associated autoimmunity in children and adolescents with type 1 diabetes mellitus (T1DM), Hormone ResearchHorm.Res., 71, 201-206, 2009	Study population same as in Kakleas 2010
Kavuncu,V., Dundar,U., Ciftci,I.H., Evcik,D., Yigit,I., 20090902, Is there any requirement for celiac disease screening routinely in postmenapausal women with osteoporosis?, Rheumatology InternationalRheumatol.Int., 29, 841-845, 2009	outcome of interest (estimation of risk) not reported
Khashan,A.S., Henriksen,T.B., Mortensen,P.B., McNamee,R., McCarthy,F.P., Pedersen,M.G., Kenny,L.C., 20100316, The impact of maternal celiac disease on birthweight and preterm birth: a Danish population-based cohort study, Human ReproductionHum.Reprod., 25, 528-534, 2010	Unclear how coeliac disease was diagnosed
Khashan,A.S., Kenny,L.C., McNamee,R., Mortensen,P.B., Pedersen,M.G., McCarthy,F.P., Henriksen,T.B., 20101217, Undiagnosed coeliac disease in a father does not influence birthweight and preterm birth, Paediatric and Perinatal EpidemiologyPaediatr.Perinat.Epidemiol., 24, 363-369, 2010	Unclear how coeliac disease was diagnosed
Kheder,A., Currie,S., Romanowski,C., Hadjivassiliou,M., 20120521, Progressive ataxia with palatal tremor due to gluten sensitivity, Movement DisordersMov.Disord., 27, 62-63, 2012	Case report
Kiefte-de Jong,J.C., Jaddoe,V.W., Uitterlinden,A.G., Steegers,E.A., Willemsen,S.P., Hofman,A., Hooijkaas,H., Moll,H.A., 20130520, Levels of antibodies against tissue	Study concerned with association between positive serology and birth weight

Excluded studies	Reason for exclusion
transglutaminase during pregnancy are associated with reduced fetal weight and birth weight, Gastroenterology, 144, 726-735, 2013	
Knauer,C.M., Svoboda,A.C., 19680510, Malabsorption and jejunal diverticulosis, American Journal of Medicine, 44, 606-610, 1968	Case report
Landgren,A.M., Landgren,O., Gridley,G., Dores,G.M., Linet,M.S., Morton,L.M., 20110512, Autoimmune disease and subsequent risk of developing alimentary tract cancers among 4.5 million US male veterans, Cancer, 117, 1163-1171, 2011	Not screened at diagnosis
Lang-Muritano,M., Molinari,L., Dommann-Scherrer,C., Schueler,G., Schoenle,E.J., 20040630, Incidence of enteropathy-associated T-cell lymphoma in celiac disease: implications for children and adolescents with type 1 diabetes, Pediatric DiabetesPediatr.Diabetes, 3, 42-45, 2002	Study not concerned with coeliac disease
Lebwohl,B., Granath,F., Ekbom,A., Smedby,K.E., Murray,J.A., Neugut,A.I., Green,P.H., Ludvigsson,J.F., 20131017, Mucosal healing and risk for lymphoproliferative malignancy in celiac disease: a population-based cohort study.[Summary for patients in Ann Intern Med. 2013 Aug 6;159(3):I-20; PMID: 23922078], Annals of Internal MedicineAnn.Intern.Med., 159, 169-175, 2013	Study not concerned with undiagnosed or untreated coeliac disease
Lebwohl,B., Stavsky,E., Neugut,A.I., Green,P.H., 20110224, Risk of colorectal adenomas in patients with coeliac disease, Alimentary Pharmacology & Therapeutics, 32, 1037-1043, 2010	Study not concerned with untreated or undiagnosed Coeliac disease
Leslie,L.A., Lebwohl,B., Neugut,A.I., Gregory,Mears J., Bhagat,G., Green,P.H., 20120924, Incidence of lymphoproliferative disorders in patients with celiac disease, American Journal of HematologyAm.J.Hematol., 87, 754-759, 2012	Study not concerned with undiagnosed or untreated Coeliac disease
Liu,X., Ji,J., Forsti,A., Sundquist,K., Sundquist,J., Hemminki,K., Autoimmune disease and subsequent urological cancer, Journal of UrologyJ.Urol., 189, 2262-2268, 2013	Study not concerned with undiagnosed or untreated coeliac disease

Excluded studies	Reason for exclusion
Ludvigsson,J.F., Fall,K., Montgomery,S., 20120214, Risk of prostate cancer in a population-based cohort of men with coeliac disease, British Journal of CancerBr.J.Cancer, 106, 217-221, 2012	Study not concerned with undiagnosed or untreated Coeliac disease
Ludvigsson,J.F., Hemminki,K., Wahlstrom,J., Almqvist,C., 20110531, Celiac disease confers a 1.6-fold increased risk of asthma: a nationwide population-based cohort study, Journal of Allergy & Clinical Immunology, 127, 1071-1073, 2011	Correspondence
Ludvigsson,J.F., Inghammar,M., Ekberg,M., Egesten,A., 20120717, A nationwide cohort study of the risk of chronic obstructive pulmonary disease in coeliac disease, Journal of Internal MedicineJ.Intern.Med.(GBR), 271, 481-489, 2012	Not screened at diagnosis
Ludvigsson,J.F., James,S., Askling,J., Stenestrand,U., Ingelsson,E., 20110407, Nationwide cohort study of risk of ischemic heart disease in patients with celiac disease, Circulation, 123, 483-490, 2011	Study not concerned with undiagnosed or untreated Coeliac disease
Ludvigsson,J.F., Kampe,O., Lebwohl,B., Green,P.H., Silverberg,S.J., Ekbom,A., 20120706, Primary hyperparathyroidism and celiac disease: a population-based cohort study, Journal of Clinical Endocrinology & Metabolism, 97, 897-904, 2012	Not screened at diagnosis
Ludvigsson,J.F., Sanders,D.S., Maeurer,M., Jonsson,J., Grunewald,J., Wahlstrom,J., 20110603, Risk of tuberculosis in a large sample of patients with coeliac disease--a nationwide cohort study, Alimentary Pharmacology & Therapeutics, 33, 689-696, 2011	Study not concerned with untreated or undiagnosed Coeliac disease
Ludvigsson,J.F., Sellgren,C., Runeson,B., Langstrom,N., Lichtenstein,P., 20111229, Increased suicide risk in coeliac disease--a Swedish nationwide cohort study, Digestive & Liver Disease, 43, 616-622, 2011	Not screened at diagnosis
Ludvigsson,J.F., West,J., Card,T., Appelros,P., 20130423, Risk of stroke in 28,000 patients with celiac disease: a nationwide cohort study in Sweden, Journal of Stroke & Cerebrovascular Diseases, 21, 860-867, 2012	Study not concerned with undiagnosed or untreated coeliac disease

Excluded studies	Reason for exclusion
Ludvigsson,J.F., West,J., Hubbard,R., Card,T., 20130411, Neutral risk of lung cancer in adults with celiac disease--nationwide cohort study, Lung Cancer, 78, 179-184, 2012	Study not concerned with undiagnosed or untreated coeliac disease
Ludvigsson,J.F., Zingone,F., Fored,M., Ciacci,C., Cirillo,M., 20120426, Moderately increased risk of urinary stone disease in patients with biopsy-verified coeliac disease, Alimentary Pharmacology & Therapeutics, 35, 477-484, 2012	Study not concerned with untreated or undiagnosed Coeliac disease
Machado,A.P., Silva,L.R., Zausner,B., Oliveira,Jde A., Diniz,D.R., de,Oliveira J., 20130419, Undiagnosed celiac disease in women with infertility, Journal of Reproductive MedicineJ.Reprod.Med., 58, 61-66, 2013	Outcome of interest (estimation of risk) not reported
Marild,K., Fredlund,H., Ludvigsson,J.F., 20101129, Increased risk of hospital admission for influenza in patients with celiac disease: a nationwide cohort study in Sweden, American Journal of GastroenterologyAm.J.Gastroenterol., 105, 2465-2473, 2010	Not concerned with undiagnosed or untreated Coeliac disease
Marild,K., Stephansson,O., Montgomery,S., Murray,J.A., Ludvigsson,J.F., 20120214, Pregnancy outcome and risk of celiac disease in offspring: a nationwide case-control study, Gastroenterology, 142, 39-45, 2012	Study not concerned with undiagnosed or untreated Coeliac disease
Marsh,G.W., Stewart,J.S., 19710104, Splenic function in adult coeliac disease, British Journal of Haematology, 19, 445-457, 1970	Study not concerned with undiagnosed or untreated coeliac disease
Martel,J., Sussman,D.A., Goldberg,R.I., Valantas,M., Barkin,J.S., Benign small bowel thickening and lymphadenopathy: A manifestation of celiac disease, Digestive Diseases and SciencesDig.Dis.Sci., 54, 902-905, 2009	Case reports
Martinelli,D., Fortunato,F., Tafuri,S., Germinario,C.A., Prato,R., 20101011, Reproductive life disorders in Italian celiac women. A case-control study, BMC GastroenterologyBMC Gastroenterol., 10, 89-, 2010	Unclear how Coeliac disease was diagnosed
Mascitelli,L., Pezzetta,F., Goldstein,M.R.,	Correspondence

Excluded studies	Reason for exclusion
20100729, Coeliac disease and anorexia nervosa, Internal Medicine JournalIntern.Med.J., 39, 784-, 2009	
Mavroudi,A., Xinias,I., Papastavrou,T., Karatza,E., Fotoulaki,M., Panteliadis,C., Spiroglou,K., Erratum: Increased prevalence of silent celiac disease among greek epileptic children (Pediatric Neurology (2007) 36 (165-169) DOI:10.1016/j. pediatrneurol.2006.11.011), Pediatric NeurologyPediatr.Neurol., 48, 257-, 2013	Erratum
McCarthy,F.P., Khashan,A.S., Quigley,E., Shanahan,F., O'Regan,P., Cronin,C., Kenny,L., 20091124, Undiagnosed maternal celiac disease in pregnancy and an increased risk of fetal growth restriction, Journal of Clinical GastroenterologyJ.Clin.Gastroenterol., 43, 792-793, 2009	Correspondence
McNeill,G., Hurley,A., Halpenny,D., Torreggiani,W.C., The presentation of coeliac disease as a disease-related malignancy, Irish Medical JournalIr.Med.J., 105, -, 2012	Correspondence
Moccia,M., Pellecchia,M.T., Erro,R., Zingone,F., Marelli,S., Barone,D.G., Ciacci,C., Strambi,L.F., Barone,P., 20100817, Restless legs syndrome is a common feature of adult celiac disease, Movement DisordersMov.Disord., 25, 877-881, 2010	Not concerned with undiagnosed or untreated coeliac disease
Mollazadegan,K., Kugelberg,M., Lindblad,B.E., Ludvigsson,J.F., 20110929, Increased risk of cataract among 28,000 patients with celiac disease, American Journal of EpidemiologyAm.J.Epidemiol., 174, 195-202, 2011	Not concerned with undiagnosed or untreated Coeliac disease
Mollazadegan,K., Kugelberg,M., Montgomery,S.M., Sanders,D.S., Ludvigsson,J., Ludvigsson,J.F., A population-based study of the risk of diabetic retinopathy in patients with type 1 diabetes and celiac disease, Diabetes Care, 36, 316-321, 2013	Not screened at diagnosis
Morgan,D.R., Holgate,C.S., Dixon,M.F., Bird,C.C., 19860121, Primary small intestinal lymphoma: a study of 39 cases, Journal of Pathology, 147, 211-221, 1985	Not screened at diagnosis

Excluded studies	Reason for exclusion
Olen,O., Askling,J., Ludvigsson,J.F., Hildebrand,H., Ekbom,A., Smedby,K.E., 20120213, Coeliac disease characteristics, compliance to a gluten free diet and risk of lymphoma by subtype, Digestive & Liver Disease, 43, 862-868, 2011	Not screened at time of diagnosis
Olen,O., Montgomery,S.M., Elinder,G., Ekbom,A., Ludvigsson,J.F., Increased risk of immune thrombocytopenic purpura among inpatients with coeliac disease, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 43, 416-422, 2008	Not screened at diagnosis
Ortega,Paez E., Junco,Lafuente P., Baca,Garcia P., Maldonado,Lozano J., Llodra Calvo,J.C., 20080818, Prevalence of dental enamel defects in celiac patients with deciduous dentition: a pilot study, Oral Surgery Oral Medicine Oral Pathology Oral Radiology & Endodontics, 106, 74-78, 2008	Patients on treatment
Ozgor,B., Selimoglu,M.A., Temel,I., Seckin,Y., Kafkasli,A., 20120223, Prevalence of celiac disease in parents of preterm or low birthweight newborns, Journal of Obstetrics & Gynaecology Research, 37, 1615-1619, 2011	Outcome of interest (estimation of risk) not reported
Patney,N.L., Mehrotra,M.P., Lahiri,V.L., Saxena,S.K., Goyal,S.P., Khanna,H.K., Kishore,B., Kumar,A., 19771229, Upper jejunal bacterial flora in cirrhosis of liver, Journal of the Association of Physicians of India, 25, 101-107, 1977	Study not concerned with coeliac disease
Pengelly,S., Fabricius,M., McMenamin,D., Wu,E., Metzner,M., Lewis,S.J., Hosie,K.B., Attendance at iron deficiency anaemia clinic: audit of outcomes 5 years on, Colorectal DiseaseColorectal Dis., 15, 423-427, 2013	Unclear if all patients tested for coeliac disease
Pitocco,D., Giubilato,S., Martini,F., Zaccardi,F., Pazzano,V., Manto,A., Cammarota,G., Di,Stasio E., Pedicino,D., Liuzzo,G., Crea,F., Ghirlanda,G., 20111207, Combined atherogenic effects of celiac disease and type 1 diabetes mellitus, Atherosclerosis, 217, 531-535, 2011	Study not concerned with undiagnosed or untreated coeliac disease
Pitocco,D., Zaccardi,F., Martini,F., Giubilato,S., Liuzzo,G., Crea,F., Ghirlanda,G., 20120626, The	Correspondence

Excluded studies	Reason for exclusion
cardiovascular relevance of celiac disease, Diabetes Care, 35, e20-, 2012	
Premaor,M.O., Compston,J.E., 20110125, Testing for secondary causes of osteoporosis, BMJ, 341, c6959-, 2010	Commentary
Ramagopalan,S.V., Goldacre,R., Skingsley,A., Conlon,C., Goldacre,M.J., Associations between selected immune-mediated diseases and tuberculosis: Record-linkage studies, BMC medicineBMC Med, 11, -, 2013	Not screened at time of diagnosis
Rana,S.V., Sharma,S., Sinha,S.K., Prasad,K.K., Bhasin,D.K., Singh,K., 20090113, Orocecal transit time in patients with celiac disease from North India: a case control study, Tropical Gastroenterology, 29, 98-100, 2008	Unclear how Coeliac disease was diagnosed
Reinken,L., Zieglauer,H., 19781220, Vitamin B-6 absorption in children with acute celiac disease and in control subjects, Journal of Nutrition, 108, 1562-1565, 1978	Study not concerned with undiagnosed or untreated coeliac disease
Richir,M., Songun,I., Wientjes,C., Snel,P., Dwars,B., Small bowel adenocarcinoma in a patient with coeliac disease: Case report and review of the literature, Case Reports in GastroenterologyCase Rep.Gastroenterol., 4, 416-420, 2010	Case report
Rischewski,J.R., Paulussen,M., Thomas,K., Celiacs disease is not a major risk factor for the development of childhood idiopathic thrombocytopenic purpura, Journal of Pediatric Hematology/OncologyJ.Pediatr.Hematol.Oncol., 30, 185-, 2008	Correspondence
Risk for Lymphoma and the Results of Follow-up Gut Biopsies in Patients With Celiac Disease, Annals of Internal MedicineAnn.Intern.Med., 159, I-20, 2013	Commentary
Robertson,D.A., Bullen,A.W., Hall,R., Losowsky,M.S., 19830610, Blood film appearances in the hyposplenism of coeliac disease, British Journal of Clinical Practice, 37, 19-22, 1983	Not screened at diagnosis
Rostami,Nejad M., Rostami,K., Cheraghipour,K., Nazemalhosseini,Mojarad E., Volta,U., Al,Dulaimi D., Zali,M.R., 20110428, Celiac	Correspondence

Excluded studies	Reason for exclusion
disease increases the risk of Toxoplasma gondii infection in a large cohort of pregnant women, American Journal of GastroenterologyAm.J.Gastroenterol., 106, 548-549, 2011	
Rubio-Tapia,A., Kyle,R.A., Kaplan,E.L., Johnson,D.R., Page,W., Erdtmann,F., Brantner,T.L., Kim,W.R., Phelps,T.K., Lahr,B.D., Zinsmeister,A.R., Melton,L.J.,III, Murray,J.A., 20090716, Increased prevalence and mortality in undiagnosed celiac disease, Gastroenterology, 137, 88-93, 2009	Concerns over accuracy of serological testing in this study
Sadr-Azodi,O., Sanders,D.S., Murray,J.A., Ludvigsson,J.F., 20130130, Patients with celiac disease have an increased risk for pancreatitis, Clinical Gastroenterology & Hepatology, 10, 1136-1142, 2012	Study not concerned with undiagnosed or untreated Coeliac disease
Sahli,H., Ben,Mustapha N., Mestiri,I., Fekih,M., Boubaker,J., Kaabachi,N., Sellami,M., Kallel,L., Filali,A., Bone metabolism, biochemical markers of bone resorption and formation processes and interleukine 6 cytokin level during celiac disease, Tunisie MedicaleTunis.Med., 91, 59-65, 2013	Non-English language
Santonicola,A., Iovino,P., Cappello,C., Capone,P., Andreozzi,P., Ciacci,C., 20120207, From menarche to menopause: the fertile life span of celiac women, Menopause, 18, 1125-1130, 2011	Outcome of interest (estimation of risk) not reported
Saps,M., Adams,P., Bonilla,S., Chogle,A., Nichols-Vinueza,D., 20130430, Parental report of abdominal pain and abdominal pain-related functional gastrointestinal disorders from a community survey, Journal of Pediatric Gastroenterology & Nutrition, 55, 707-710, 2012	Study not concerned with undiagnosed or untreated Coeliac disease
Savolainen,H., Sensory ganglionopathy due to gluten sensitivity, Neurology.77 (1) (pp 87)-, 2011.Date of Publication: 05 Jul 2011., -, 2011	Correspondence
Sharaiha,R.Z., Lebwohl,B., Reimers,L., Bhagat,G., Green,P.H., Neugut,A.I., 20120928, Increasing incidence of enteropathy-associated T-cell lymphoma in the United States, 1973-2008, Cancer, 118, 3786-3792, 2012	Study not concerned with undiagnosed or untreated Coeliac disease

Excluded studies	Reason for exclusion
Shepherd,N.A., Blackshaw,A.J., Hall,P.A., Bostad,L., Coates,P.J., Lowe,D.G., Levison,D.A., Morson,B.C., Stansfeld,A.G., 19870612, Malignant lymphoma with eosinophilia of the gastrointestinal tract, Histopathology, 11, 115-130, 1987	Study not concerned with undiagnosed or untreated coeliac disease
Sidhu,S.K., Koulaouzidis,A., Tan,C.W., 20110920, Coeliac disease inducing mesenteric lymphadenopathy and intussusception, Internal Medicine JournalIntern.Med.J., 41, 434-, 2011	Correspondence
Silano,M., Volta,U., Vincentini,O., De,Vincenzi M., Italian Registry of the Complications of Celiac Disease, 20091109, Clinical features of chronic C virus hepatitis in patients with celiac disease, European Journal of Clinical Microbiology & Infectious Diseases, 28, 1267-1269, 2009	outcome of interest (estimation of risk) not reported
Smedby,K.E., Vajdic,C.M., Falster,M., Engels,E.A., Martinez-Maza,O., Turner,J., Hjalgrim,H., Vineis,P., Costantini,A.S., Bracci,P.M., Holly,E.A., Willett,E., Spinelli,J.J., Vecchia,C.L., Zheng,T., Becker,N., De,Sanjose S., Chiu,B.C.-H., Maso,L.D., Cocco,P., Maynadie,M., Foretova,L., Staines,A., Brennan,P., Davis,S., Severson,R., Cerhan,J.R., Breen,E.C., Birmann,B., Grulich,A.E., Cozen,W., Autoimmune disorders and risk of non-Hodgkin lymphoma subtypes: A pooled analysis within the InterLymph Consortium, Blood, 111, 4029-4038, 2008	Unclear how Coeliac disease was diagnosed individual studies
Smith,D.F., Gerdes,L.U., 20120601, Meta-analysis on anxiety and depression in adult celiac disease, Acta Psychiatrica ScandinavicaActa Psychiatr.Scand., 125, 189-193, 2012	Study not concerned with undiagnosed or untreated coeliac disease
Stephansson,O., Falconer,H., Ludvigsson,J.F., 20120325, Risk of endometriosis in 11,000 women with celiac disease, Human ReproductionHum.Reprod., 26, 2896-2901, 2011	Not screened at time of diagnosis
Swinson,C.M., Slavin,G., Coles,E.C., Booth,C.C., 19830225, Coeliac disease and malignancy, Lancet, 1, 111-115, 1983	Not concerned with undiagnosed or untreated coeliac disease
Taggart,D.P., Imrie,C.W., 19871230, A new pattern of histologic predominance and	Outcome of interest (estimation of interest) not reported

Excluded studies	Reason for exclusion
distribution of malignant diseases of the small intestine, Surgery, Gynecology & Obstetrics, 165, 515-518, 1987	
Taler,I., Phillip,M., Lebenthal,Y., de,Vries L., Shamir,R., Shalitin,S., 20130502, Growth and metabolic control in patients withtype 1 diabetes and celiac disease: a longitudinal observational case-control study, Pediatric DiabetesPediatr.Diabetes, 13, 597-606, 2012	Not screened at diagnosis
Tan,V.P., Ching,S.L., Anderson,R.P., Gibson,P.R., 20110118, Non-axial bone fracture but not depression as a risk factor for coeliac disease, Internal Medicine JournalIntern.Med.J., 40, 225-227, 2010	Short communication
Thomas,H.J., Wotton,C.J., Yeates,D., Ahmad,T., Jewell,D.P., Goldacre,M.J., 20090316, Pneumococcal infection in patients with coeliac disease, European Journal of Gastroenterology & Hepatology, 20, 624-628, 2008	Study not concerned with undiagnosed or untreated coeliac disease
Tignor,A.S., Wu,B.U., Whitlock,T.L., Lopez,R., Repas,K., Banks,P.A., Conwell,D., 20110119, High prevalence of low-trauma fracture in chronic pancreatitis, American Journal of GastroenterologyAm.J.Gastroenterol., 105, 2680-2686, 2010	Not screened at diagnosis
Tio,M., Cox,M.R., Eslick,G.D., 20120501, Meta-analysis: coeliac disease and the risk of all-cause mortality, any malignancy and lymphoid malignancy, Alimentary Pharmacology & Therapeutics, 35, 540-551, 2012	Study not concerned with undiagnosed or untreated Coeliac disease
Toumi,D., Mankai,A., Belhadj,R., Ghedira-Besbes,L., Jeddi,M., Ghedira,I., Thyroid-related autoantibodies in Tunisian patients with coeliac disease, Clinical Chemistry and Laboratory MedicineClin.Chem.Lab.Med., 46, 350-353, 2008	Study not concerned with complications associated with undiagnosed or untreated coeliac disease
Uscinowicz,M., Jarocka-Cyrta,E., Kaczmarski,M., Kiszlo,M., Matwiejuk,E., Polyps and folds of esophagogastric junction in children, frequency of appearance and other endoscopic changesOT - Polipy i faldy wartownicze wpustu u dzieci, cze{ogonek}stosc wyste{ogonek}powania i endoskopowe zmiany towarzysza{ogonek}ce, Pediatria Wspolczesna.12 (4) (pp 168-171)-, 2010.Date of Publication: 2010., -, 2010	Non-English language

Excluded studies	Reason for exclusion
Vanura,K., Le,T., Esterbauer,H., Spath,F., Porpaczy,E., Shehata,M., Eigenberger,K., Hauswirth,A., Skrabs,C., Kromer,E., Schwarzinger,I., Streubel,B., Steininger,C., Fonatsch,C., Stilgenbauer,S., Wagner,O., Gaiger,A., Jager,U., Autoimmune conditions and chronic infections in chronic lymphocytic leukemia patients at diagnosis are associated with unmutated IgVH genes, Haematologica, 93, 1912-1916, 2008	does not include coeliac disease
Varadarajulu,S., Lewin,D., 20030909, Enteropathy-associated T-cell lymphoma involving the colon and extraintestinal B-cell lymphoma in celiac disease, Digestive Diseases & Sciences, 48, 1298-1302, 2003	Case report
Verbeek,W.H., van de Water,J.M., Al-Toma,A., Oudejans,J.J., Mulder,C.J., Coupe,V.M., 20090205, Incidence of enteropathy--associated T-cell lymphoma: a nation-wide study of a population-based registry in The Netherlands, Scandinavian Journal of GastroenterologyScand.J.Gastroenterol., 43, 1322-1328, 2008	Not screened at time of diagnosis
Vereckei,E., Mester,A., Hodinka,L., Temesvari,P., Kiss,E., Poor,G., 20100325, Back pain and sacroiliitis in long-standing adult celiac disease: a cross-sectional and follow-up study, Rheumatology InternationalRheumatol.Int., 30, 455-460, 2010	Not screened at diagnosis
Vilppula,A., Collin,P., Maki,M., Valve,R., Luostarinen,M., Krekela,I., Patrikainen,H., Kaukinen,K., Luostarinen,L., 20080918, Undetected coeliac disease in the elderly: a biopsy-proven population-based study, Digestive & Liver Disease, 40, 809-813, 2008	Study concerned with prevalence of undiagnosed coeliac disease in the elderly
Vitale,J., 20110304, Recurrent miscarriage, New England Journal of MedicineNew Engl.J.Med., 364, 783-784, 2011	Correspondence
Walkowiak,J., Blask-Osipa,A., Lisowska,A., Oralewska,B., Pogorzelski,A., Cichy,W., Sapiejka,E., Kowalska,M., Korzon,M., Szaflarska-Poplawska,A., 20100610, Cystic fibrosis is a risk factor for celiac disease, Acta Biochimica Polonica, 57, 115-118, 2010	Unclear how coeliac disease was diagnosed

Excluded studies	Reason for exclusion
WANGEL,A.G., DELLER,D.J., 19961201, Malabsorption syndrome associated with carcinoma of the bronchus, Gut, 6, 73-76, 1965	Case report
Welander,A., Prutz,K.G., Fored,M., Ludvigsson,J.F., 20120130, Increased risk of end-stage renal disease in individuals with coeliac disease, Gut, 61, 64-68, 2012	Study not concerned with undiagnosed or untreated coeliac disease
Williamson,R.C., Welch,C.E., Malt,R.A., 19830311, Adenocarcinoma and lymphoma of the small intestine. Distribution and etiologic associations, Annals of Surgery, 197, 172-178, 1983	Study not concerned with undiagnosed or untreated Coeliac disease
Wu,T.-T., Hamilton,S.R., Lymphocytic gastritis: Association with etiology and topology, American Journal of Surgical Pathology.23 (2) (pp 153-158)-, 1999.Date of Publication: February 1999., -, 1999	Study not concerned with undiagnosed or untreated coeliac disease
Younes,M., Ben,Youssef H., Safer,L., Hassine,F., Zrour,S., Bejia,I., Touzi,M., Najjar,M.F., Saffar,H., Bergaoui,N., Bone loss prevalence in adult celiac disease and associated factors: Control case study, Tunisie MedicaleTunis.Med., 90, 129-135, 2012	Non-English language
Zanchi,C., Di,Leo G., Ronfani,L., Martelossi,S., Not,T., Ventura,A., 20080813, Bone metabolism in celiac disease, Journal of PediatricsJ.Pediatr., 153, 262-265, 2008	Outcome of interest (estimation of risk) not reported
Zugna,D., Richiardi,L., Akre,O., Stephansson,O., Ludvigsson,J.F., 20101104, A nationwide population-based study to determine whether coeliac disease is associated with infertility, Gut, 59, 1471-1475, 2010	Study not concerned with undiagnosed or untreated coeliac disease
Zugna,D., Richiardi,L., Akre,O., Stephansson,O., Ludvigsson,J.F., 20110511, Celiac disease is not a risk factor for infertility in men, Fertility & Sterility, 95, 1709-1713, 2011	Study not concerned with undiagnosed or untreated coeliac disease

G.4 Review question 4.4

Excluded studies	Reason for exclusion
Adamson KA, White A.E., Geddes J. et al. (2009) Is routine screening for coeliac disease of value in people with type 1 diabetes? *Journal of*	Decision to biopsy driven by abnormal serology

Excluded studies	Reason for exclusion
the Royal College of Physicians of Edinburgh 39 (3): 204-208.	
Arato A, Korner A., Veres G. et al. (2003) Frequency of coeliac disease in Hungarian children with type 1 diabetes mellitus. *European journal of pediatrics* 162 (1): 1-5.	Decision to biopsy driven by abnormal serology
Artz E, Warren-Ulanch J., Becker D. et al. (2008) Seropositivity to celiac antigens in asymptomatic children with type 1 diabetes mellitus: association with weight, height, and bone mineralization. *Pediatric diabetes* 9 (4 Pt 1): 277-284.	Seropositive CD only; not confirmed by biopsy
Baptista ML, Koda Y.K.L., Mitsunori R. et al. (2005) Prevalence of celiac disease in Brazilian children and adolescents with type 1 diabetes mellitus. *Journal of pediatric gastroenterology and nutrition* 41 (5): 621-624.	Decision to biopsy driven by abnormal serology
Barera G, Bonfanti R., Viscardi M. et al. (2002) Occurrence of celiac disease after onset of type 1 diabetes: A 6-year prospective longitudinal study. *Pediatrics* 109 (5): 833-838.	Decision to biopsy driven by abnormal serology
Berti I, Trevisiol C., Tommasini A. et al. (2000) Usefulness of screening program for celiac disease in autoimmune thyroiditis. *Digestive diseases and sciences* 45 (2): 403-406.	Decision to biopsy driven by abnormal serology
Bouguerra R, Ben Salem L., Chaabouni H. et al. (2005) Celiac disease in adult patients with type 1 diabetes mellitus in Tunisia. *Diabetes & metabolism* 31 (1): 83-86.	Decision to biopsy driven by abnormal serology
Buysschaert M, Tomasi J.P., and Hermans M.P. (2005) Prospective screening for biopsy proven coeliac disease, autoimmunity and malabsorption markers in Belgian subjects with Type 1 diabetes. *Diabetic medicine : a journal of the British Diabetic Association* 22 (7): 889-892.	Decision to biopsy driven by abnormal serology
Chomeili B, Aminzadeh M., Hardani A.K. et al. (2011) Prevalence of celiac disease in siblings of Iranian patients with celiac disease. *Arquivos de gastroenterologia* 48 (2): 131-135.	Population outside of Europe; Iran - cannot rule out other non-gluten causes of enteropathy
De Vitis I, Ghirlanda G., and Gasbarrini G. (1996) Prevalence of coeliac disease in type I diabetes: a multicentre study. *Acta paediatrica*	Decision to biopsy driven by abnormal serology

Excluded studies	Reason for exclusion
(Oslo, Norway : 1992).Supplement 412: 56-57.	
Dolinsek J, Urlep D., Karell K. et al. (2004) The prevalence of celiac disease among family members of celiac disease patients. *Wiener klinische Wochenschrift* 116 Suppl 2: 8-12.	Decision to biopsy driven by abnormal serology
Dretzke J, Cummins C., Sandercock J. et al. (2004) Autoantibody testing in children with newly diagnosed type 1 diabetes mellitus. *Health technology assessment (Winchester, England)* 8 (22): iii-183.	Health economics study
Fanciulli G, Tomasi P.A., Caucci F. et al. (2005) Screening for celiac disease in patients with autoimmune thyroid disease: from research studies to daily clinical practice. *Annali italiani di medicina interna : organo ufficiale della Societa italiana di medicina interna* 20 (1): 39-44.	No CD patients in cohort
Ford AC, Chey W.D., Talley N.J. et al. (2009) Yield of diagnostic tests for celiac disease in individuals with symptoms suggestive of irritable bowel syndrome: systematic review and meta-analysis. *Archives of internal medicine* 169 (7): 651-658.	Decision to biopsy driven by abnormal serology
Franzese A, Iafusco D., Spadaro R. et al. (2011) Potential celiac disease in type 1 diabetes: a multicenter study. *Diabetes research and clinical practice* 92 (1): 53-56.	Decision to biopsy driven by abnormal serology
Fraser-Reynolds KA, Butzner J.D., Stephure D.K. et al. (1998) Use of immunoglobulin A-antiendomysial antibody to screen for celiac disease in North American children with type 1 diabetes. *Diabetes care* 21 (11): 1985-1989.	Decision to biopsy driven by abnormal serology
Frohlich-Reiterer EE, Hofer S., Kaspers S. et al. (2008) Screening frequency for celiac disease and autoimmune thyroiditis in children and adolescents with type 1 diabetes mellitus--data from a German/Austrian multicentre survey. *Pediatric diabetes* 9 (6): 546-553.	No biopsy to confirm CD
Gillett PM, Gillett H.R., Israel D.M. et al. (2001) High prevalence of celiac disease in patients with type 1 diabetes detected by antibodies to endomysium and tissue transglutaminase. *Canadian journal of gastroenterology = Journal canadien de gastroenterologie* 15 (5): 297-301.	Decision to biopsy driven by abnormal serology

Excluded studies	Reason for exclusion
Holmes GK. (2001) Coeliac disease and Type 1 diabetes mellitus - the case for screening. *Diabetic medicine : a journal of the British Diabetic Association* 18 (3): 169-177.	Decision to biopsy driven by abnormal serology
Iuorio R, Mercuri V., Barbarulo F. et al. (2007) Prevalence of celiac disease in patients with autoimmune thyroiditis. *Minerva endocrinologica* 32 (4): 239-243.	Decision to biopsy driven by abnormal serology
Jadallah KA,Khader Y.S. (2009) Celiac disease in patients with presumed irritable bowel syndrome: a case-finding study. *World journal of gastroenterology : WJG* 15 (42): 5321-5325.	Decision to biopsy driven by abnormal serology
Kakleas K, Karayianni C., Critselis E. et al. (2010) The prevalence and risk factors for coeliac disease among children and adolescents with type 1 diabetes mellitus. *Diabetes research and clinical practice* 90 (2): 202-208.	Decision to biopsy driven by abnormal serology
Korkut E, Bektas M., Oztas E. et al. (2010) The prevalence of celiac disease in patients fulfilling Rome III criteria for irritable bowel syndrome. *European journal of internal medicine* 21 (5): 389-392.	Decision to biopsy driven by abnormal serology
Korponay-Szabo I, Kovacs J., Lorincz M. et al. (1998) Families with multiple cases of gluten-sensitive enteropathy. *Zeitschrift fur Gastroenterologie* 36 (7): 553-558.	Decision to biopsy driven by abnormal serology
Larsson K, Carlsson A., Cederwall E. et al. (2008) Annual screening detects celiac disease in children with type 1 diabetes. *Pediatric diabetes* 9 (4 Pt 2): 354-359.	Decision to biopsy driven by abnormal serology
Martins RdCA, Gandolfi L., Modelli I.C. et al. (2010) Serologic screening and genetic testing among brazilian patients with celiac disease and their first degree relatives. *Arquivos de gastroenterologia* 47 (3): 257-262.	Decision to biopsy driven by abnormal serology
Meoro A, Eleno I., Sanchez J. et al. (2005) Celiac disease in Type 1 diabetic children and adults: IgA class transglutaminase autoantibodies as the best screening marker. *Journal of endocrinological investigation* 28 (9): 864-865.	Letter to the editor

Excluded studies	Reason for exclusion
Mohseninejad L, Feenstra T., van der Horst H.E. et al. (2013) Targeted screening for Coeliac Disease among irritable bowel syndrome patients: analysis of cost-effectiveness and value of information. *The European journal of health economics : HEPAC : health economics in prevention and care* 14 (6): 947-957.	Health economics study
Nosari I, Casati A., Mora C. et al. (1996) The use of IgA-antiendomysial antibody test for screening coeliac disease in insulin-dependent diabetes mellitus. *Diabetes, Nutrition and Metabolism - Clinical and Experimental* 9 (5): 267-272.	Decision to biopsy driven by abnormal serology
Not T, Tommasini A., Tonini G. et al. (2001) Undiagnosed coeliac disease and risk of autoimmune disorders in subjects with type I diabetes mellitus. *Diabetologia* 44 (2): 151-155.	Decision to biopsy driven by abnormal serology
Peretti N, Bienvenu F., Bouvet C. et al. (2004) The temporal relationship between the onset of type 1 diabetes and celiac disease: a study based on immunoglobulin a antitransglutaminase screening. *Pediatrics* 113 (5): e418-e422.	Decision to biopsy driven by abnormal serology
Poulain C, Johanet C., Delcroix C. et al. (2007) Prevalence and clinical features of celiac disease in 950 children with type 1 diabetes in France. *Diabetes & metabolism* 33 (6): 453-458.	Decision to biopsy driven by abnormal serology
Rodrigo L, Blanco I., Bobes J. et al. (2013) Remarkable prevalence of coeliac disease in patients with irritable bowel syndrome plus fibromyalgia in comparison with those with isolated irritable bowel syndrome: a case-finding study. *Arthritis research & therapy* 15 (6): R201.	Decision to biopsy driven by abnormal serology
Saadah OI, Al-Agha A.E., Al Nahdi H.M. et al. (2012) Prevalence of celiac disease in children with type 1 diabetes mellitus screened by anti-tissue transglutaminase antibody from Western Saudi Arabia. *Saudi medical journal* 33 (5): 541-546.	Decision to biopsy driven by abnormal serology
Sakly W, Bienvenu F., Peretti N. et al. (2005) IgA anti-transglutaminase antibodies as a tool for screening atypical forms of coeliac disease in a French at-risk paediatric population. *European journal of gastroenterology & hepatology* 17 (2):	Biopsy performed in only 7.8% of toal population tested

Excluded studies	Reason for exclusion
235-239.	
Saukkonen T, Savilahti E., Reijonen H. et al. (1996) Coeliac disease: frequent occurrence after clinical onset of insulin-dependent diabetes mellitus. Childhood Diabetes in Finland Study Group. *Diabetic medicine : a journal of the British Diabetic Association* 13 (5): 464-470.	Decision to biopsy driven by abnormal serology
Saukkonen T, Ilonen J., Akerblom H.K. et al. (2001) Prevalence of coeliac disease in siblings of patients with Type I diabetes is related to the prevalence of DQB1*02 allele. *Diabetologia* 44 (8): 1051-1053.	Decision to biopsy driven by abnormal serology
Schober E, Bittmann B., Granditsch G. et al. (2000) Screening by anti-endomysium antibody for celiac disease in diabetic children and adolescents in Austria. *Journal of pediatric gastroenterology and nutrition* 30 (4): 391-396.	Decision to biopsy driven by abnormal serology
Sjoberg K, Eriksson K.F., Bredberg A. et al. (1998) Screening for coeliac disease in adult insulin-dependent diabetes mellitus. *Journal of internal medicine* 243 (2): 133-140.	Decision to biopsy driven by abnormal serology
Spiegel BMR, DeRosa V.P., Gralnek I.M. et al. (2004) Testing for celiac sprue in irritable bowel syndrome with predominant diarrhea: a cost-effectiveness analysis. *Gastroenterology* 126 (7): 1721-1732.	Health economic study
Valori R. (2001) Coeliac disease in patients with irritable-bowel syndrome. *Lancet* 358 (9292): 1475.	Comment
Vazquez H, Sugai E., Pedreira S. et al. (1995) Screening for asymptomatic celiac sprue in families. *Journal of clinical gastroenterology* 21 (2): 130-133.	Not all seropositive or seronegative patients underwent biopsy to confirm or exclude CD
Williams AJ, Norcross A.J., Lock R.J. et al. (2001) The high prevalence of autoantibodies to tissue transglutaminase in first-degree relatives of patients with type 1 diabetes is not associated with islet autoimmunity. *Diabetes care* 24 (3): 504-509.	Seropositive CD; Not confirmed by biopsy

G.5 Review questions 5.1 & 5.2

Excluded studies	Reason for exclusion
Abrantes-Lemos CP, Nakhle M.C., Damiao A.O. et al. (2010) Performance of two commercial ELISAs for detecting IgA anti-human and anti-guinea pig tissue transglutaminase antibodies. *Clinical Laboratory* 56 (1-2): 29-35.	Different assay methodologies were compared against each other, not against biopsy
Abrams JA, Brar P, Diamond B, Rotterdam H, Green PH (2006). Utility in clinical practice of immunoglobulin a anti-tissue transglutaminase antibody for the diagnosis of celiac disease. *Clinical Gastroenterology & Hepatology,* **4**:726-30.	Study design: Incomplete dataset. Number of patients reported in methods does not match data reported in results. Antibody tests not used to manufacturer's specifications.
Agardh D. (2007). Antibodies against synthetic deamidated gliadin peptides and tissue transglutaminase for the identification of childhood celiac disease, *Clinical Gastroenterology & Hepatology* . 5: 1276 -81	Reference criteria: Marsh 3 not used
Alessio MG, Tonutti E., Brusca I. et al. (2012) Correlation between IgA tissue transglutaminase antibody ratio and histological finding in celiac disease. *Journal of Pediatric Gastroenterology & Nutrition* 55 (1): 44-49.	Population: all participants were positive for IgA EMA and IgA tTG
Arevalo F, Roe E., Arias-Stella-Castillo J. et al. (2010) Low serological positivity in patients with histology compatible with celiac disease in Peru. *Revista Espanola de Enfermedades Digestivas* 102 (6): 372-375.	Only CD biopsy confirmed participants included in study. No biopsy negative control group
Bansal AK, Lindemann M.J., Ramsperger V. et al. (2009) Celiac G+ antibody assay for the detection of autoantibodies in celiac disease. *Annals of the New York Academy of Sciences* 1173: 36-40.	Different assay methodologies were compared against each other, not against biopsy
Barbato M, Maiella G., Di C.C. et al. (2011) The anti-deamidated gliadin peptide antibodies unmask celiac disease in small children with chronic diarrhoea. *Digestive & Liver Disease* 43 (6): 465-469.	Population: all participants were negative for IgA tTG and IgA EMA
Basso D, Guariso G., Fogar P. et al. (2009) Antibodies against synthetic deamidated gliadin peptides for celiac disease diagnosis and follow-up in children. *Clinical Chemistry* 55 (1): 150-157.	Reference criteria: Marsh 3 not used

Excluded studies	Reason for exclusion
Brandimarte G, Tursi A., and Giorgetti G.M. (2002) Changing trends in clinical form of celiac disease. Which is now the main form of celiac disease in clinical practice? *Minerva Gastroenterologica e Dietologica* 48 (2): 121-130.	commentary
Brusca I, Carroccio A., Tonutti E. et al. (2012) The old and new tests for celiac disease: which is the best test combination to diagnose celiac disease in pediatric patients? *Clinical Chemistry & Laboratory Medicine* 50 (1): 111-117.	Case-control study.
Candon S, Mauvais F.X., Garnier-Lengline H. et al. (2012) Monitoring of anti-transglutaminase autoantibodies in pediatric celiac disease using a sensitive radiobinding assay. *Journal of Pediatric Gastroenterology & Nutrition* 54 (3): 392-396.	Antibodies not directly compared to biopsy to obtain sensitivity and specificity
Carroccio A, Di Prima L, Pirrone G, Scalici C, Florena AM, Gasparin M *et al (2006).* Anti-transglutaminase antibody assay of the culture medium of intestinal biopsy specimens can improve the accuracy of celiac disease diagnosis, *Clinical Chemistry,* **52**, 1175-80.	Reference criteria: Marsh 3 not used
Carroccio A, Iacono G., Di P.L. et al. (2011) Antiendomysium antibodies assay in the culture medium of intestinal mucosa: an accurate method for celiac disease diagnosis. *European Journal of Gastroenterology & Hepatology* 23 (11): 1018-1023.	Reference criteria: Marsh 3 not used
Cooper SJ,Lovatt T.J. (2009) Highs and lows of coeliac screening. *British Journal of Biomedical Science* 66 (2): 79-84.	Biopsy not used as comparator, IgA EMA considered as comparator.
Dahlbom I, Agardh D., and Hansson T. (2008) Protein A and protein G ELISA for the detection of IgG autoantibodies against tissue transglutaminase in childhood celiac disease. *Clinica Chimica Acta* 395 (1-2): 72-76.	Reference criteria: Marsh 3 not used
Dahle C, Hagman A., Ignatova S. et al. (2010) Antibodies against deamidated gliadin peptides identify adult coeliac disease patients negative for antibodies against endomysium and tissue transglutaminase. *Alimentary Pharmacology &*	Population: not suspected of CD

Excluded studies	Reason for exclusion
Therapeutics 32 (2): 254-260.	
Dickey W, McMillan SA, McCrum EE, Evans AE. (1997). Association between serum levels of total IgA and IgA class endomysial and antigliadin antibodies: implications for coeliac disease screening. *European Journal of Gastroenterology & Hepatology* **9** ;559-62.	Reference criteria: Marsh 3 not used
Donaldson MR, Book L.S., Leiferman K.M. et al. (2008) Strongly positive tissue transglutaminase antibodies are associated with Marsh 3 histopathology in adult and pediatric celiac disease. *Journal of Clinical Gastroenterology.42 (3) (pp 256-260), 2008.Date of Publication: March 2008.* (3): 256-260.	Study examines sensitivity and specificity of high titres of tTG, not standard practice.
Dutta AK, Chacko A., and Avinash B. (2010) Suboptimal performance of IgG anti-tissue transglutaminase in the diagnosis of celiac disease in a tropical country. *Digestive Diseases & Sciences* 55 (3): 698-702.	Population: non-European population
Emami MH, Karimi S., Kouhestani S. et al. (2008) Diagnostic accuracy of IgA anti-tissue transglutaminase in patients suspected of having coeliac disease in Iran. *Journal of Gastrointestinal and Liver Diseases.17 (2) (pp 141-146), 2008.Date of Publication: June 2008.* (2): 141-146.	Population not suspected of CD;CD-confirmed population, n=5.
Eremic N, Deic M., and Hadnadev L. (2012) Diagnostic accuracy of IGA anti-tissue transglutaminase antibody testing in celiac disease. *Journal of Medical Biochemistry.31 (2) (pp 100-106), 2012.Date of Publication: April-June 2012.* (2): 100-106.	Reference criteria: Marsh 3 not used
Fernandez-Banares F, Alsina M., Modolell I. et al. (2012) Are positive serum-IgA-tissue-transglutaminase antibodies enough to diagnose coeliac disease without a small bowel biopsy? Post-test probability of coeliac disease. *Journal of Crohn's & colitis* 6 (8): 861-866.	Population: all participants were positive for IgA tTG.
Ford AC, Chey W.D., Talley N.J. et al. (2009) Yield of diagnostic tests for celiac disease in individuals with symptoms suggestive of irritable bowel syndrome: systematic review and meta-analysis. [Review] [55 refs]. *Archives of Internal*	Population: not suspected of CD

Excluded studies	Reason for exclusion
Medicine 169 (7): 651-658.	
Garnier-Lengline H, Brousse N., Candon S. et al. (2012) Have serological tests changed the face of childhood coeliac disease? A retrospective cohort study. *BMJ Open* 2 (6): 2012.	Study measured impact on diagnosis of CD of serological testing
Gelderman, K. A., Bontkes, H. J.et al. (2013) Confirmation of high levels of transglutaminase-2 antibodies by deamidated gliadin antibodies in the diagnosis of celiac disease in children: A laboratory perspective, Nederlands Tijdschrift voor Klinische Chemie en Laboratoriumgeneeskunde.38 (4) 193-195	Incomplete dataset: All participants did not receive both serology and biopsy; only serology >10ULN was included in the analyses.
Giersiepen K, Lelgemann M., Stuhldreher N. et al. (2012) Accuracy of diagnostic antibody tests for coeliac disease in children: summary of an evidence report. [Review]. *Journal of Pediatric Gastroenterology & Nutrition* 54 (2): 229-241.	Meta analysis: Criteria for inclusion do not match current protocol: case-control studies, population not suspected of CD.
Grodzinsky E, Falth-Magnusson K., Hogberg L. et al. (2008) IgA endomysium antibodies--an early predictor for celiac disease in children without villous atrophy. *Acta Paediatrica* 97 (7): 972-976.	Index tests: IgA AGA was compared to IgA EMA. All participants were EMA positive
Hill PG,Holmes G.K.T. (2008) Coeliac disease: A biopsy is not always necessary for diagnosis. *Alimentary Pharmacology and Therapeutics.27 (7) (pp 572-577), 2008.Date of Publication: April 2008.* (7): 572-577.	Population: only participants with tTG levels >30 U/ml were included in the study
Hojsak I, Mozer-Glassberg Y., Segal G.N. et al. (2012) Celiac disease screening assays for children younger than 3 years of age: the performance of three serological tests. *Digestive Diseases & Sciences* 57 (1): 127-132.	Population: non-European population
Huang Y, Don-Wauchope A.C., Grey V.L. et al. (2012) Improving serological test ordering patterns for the diagnosis of celiac disease through clinical laboratory audit of practice. *Clinical Biochemistry* 45 (6): 455-459.	Study about audit process of GP's ordering IgA tTG. Does not give any clinical data
Hussain, S., Sabir, M. U.et al. (2014). Coeliac disease--clinical presentation and diagnosis by anti tissue transglutaminase antibodies titre in children, JPMA - Journal of the Pakistan Medical	Population: non-European population; Pakistani

Excluded studies	Reason for exclusion
Association, 64 (4), 437-441	
Jatla M, Bokhari A., Bierly P. et al. (2009) Anthropometric, serologic, and laboratory correlation with villous blunting in pediatric celiac disease: diabetics are different. *Journal of Clinical Gastroenterology* 43 (7): 622-626.	Population: not suspected of CD, population screening
Kalhan S, Joseph P., Sharma S. et al. (2011) Comparative study of histopathological Marsh grading with clinical and serological parameters in celiac iceberg of north India. *Indian Journal of Pathology & Microbiology* 54 (2): 279-283.	Study did not examine sensitivity and specificity of antibodies, correlated antibody titres with histopathological damage
Klapp G, Masip E., Bolonio M. et al. (2013) Celiac disease: the new proposed ESPGHAN diagnostic criteria do work well in a selected population. *Journal of Pediatric Gastroenterology & Nutrition* 56 (3): 251-256.	Only serology positive participants were biopsied
Koskinen O, Collin P., Lindfors K. et al. (2010) Usefulness of small-bowel mucosal transglutaminase-2 specific autoantibody deposits in the diagnosis and follow-up of celiac disease. *Journal of Clinical Gastroenterology* 44 (7): 483-488.	Antibodies obtained from biopsy not sera
Kurppa K, Rasanen T., Collin P. et al. (2012) Endomysial antibodies predict celiac disease irrespective of the titers or clinical presentation. *World Journal of Gastroenterology* 18 (20): 2511-2516.	No control data; unable to complete 2 x 2 table
Kwiecien J, Karczewsko K., Lukasik M. et al. (2005) Negative results of antiendomysial antibodies: Long term follow up. *Archives of Disease in Childhood.90 (1) (pp 41-42), 2005.Date of Publication: January 2005.* (1): 41-42.	Article: short report, not clinical data
Leach ST, Aurangzeb B., and Day A.S. (2008) Coeliac disease screening in children: assessment of a novel anti-gliadin antibody assay. *Journal of Clinical Laboratory Analysis* 22 (5): 327-333.	Reference criteria: Marsh 3 not used
Lewis NR,Scott B.B. (2010) Meta-analysis: deamidated gliadin peptide antibody and tissue transglutaminase antibody compared as screening tests for coeliac disease. *Alimentary Pharmacology & Therapeutics* 31 (1): 73-81.	Meta-analysis; all atuidies did not use marsh 3 criteria

Excluded studies	Reason for exclusion
Licata A, Cappello M., Arini A. et al. (2012) Serology in adults with celiac disease: limited accuracy in patients with mild histological lesions. *Internal & Emergency Medicine* 7 (4): 337-342.	Population: All patients CD positive, no negative comparator group
Lurz E, Scheidegger U., Spalinger J. et al. (2009) Clinical presentation of celiac disease and the diagnostic accuracy of serologic markers in children. *European Journal of Pediatrics* 168 (7): 839-845.	Incomplete dataset
Maglio M, Florian F., Vecchiet M. et al. (2009) Majority of children with type 1 diabetes produce and deposit anti-tissue transglutaminase antibodies in the small intestine. *Diabetes* 58 (7): 1578-1584.	Population: Participants not suspected of CD
Mozo L, Gomez J., Escanlar E. et al. (2012) Diagnostic value of anti-deamidated gliadin peptide IgG antibodies for celiac disease in children and IgA-deficient patients. *Journal of Pediatric Gastroenterology & Nutrition* 55 (1): 50-55.	Study design: Case-control. Control population did not have biopsy
Naiyer AJ, Hernandez L., Ciaccio E.J. et al. (2009) Comparison of commercially available serologic kits for the detection of celiac disease. *Journal of Clinical Gastroenterology* 43 (3): 225-232.	Study design: Case-control. Control population did not have biopsy
Nenna R, Tiberti C., Petrarca L. et al. (2013) Anti-transglutaminase immunoreactivity and histological lesions of the duodenum in coeliac patients. *International Immunology* 25 (6): 389-394.	Study correlates tTG titres with histology. No non-CD population, unable to complete 2 x2
Noor T, Yaqoob M., Bhatti M.A. et al. (2011) Different modes of presentation in children with celiac disease. *Pakistan Journal of Medical and Health Sciences.5 (2) (pp 349-351), 2011.Date of Publication: April-June 2011.* (2): 349-351.	Inclusion criteria; Biopsy not used uniformly as reference standard for diagnosis
Parizade M, Bujanover Y., Weiss B. et al. (2009) Performance of serology assays for diagnosing celiac disease in a clinical setting. *Clinical & Vaccine Immunology: CVI* 16 (11): 1576-1582.	Reference criteria: Marsh 3 not used
Poddar U, Thapa B.R., Nain C.K. et al. (2008) Is tissue transglutaminase autoantibody the best for diagnosing celiac disease in children of	Repetition: Included in CG86 (AHRQ review)

Excluded studies	Reason for exclusion
developing countries? *Journal of Clinical Gastroenterology.42 (2) (pp 147-151), 2008.Date of Publication: February 2008.* (2): 147-151.	
Porcelli B, Ferretti F., Vindigni C. et al. (2011) Assessment of a combination screening assay for celiac disease. *Autoimmunity Highlights.2 (2) (pp 67-71), 2011.Date of Publication: November 2011.* (2): 67-71.	Study design: case-control
Prause C, Ritter M., Probst C. et al. (2009) Antibodies against deamidated gliadin as new and accurate biomarkers of childhood coeliac disease. *Journal of Pediatric Gastroenterology & Nutrition* 49 (1): 52-58.	Reference criteria: Marsh 3 not used
Rabbani MW, Aziz M.T., Ali I. et al. (2011) Diagnostic usefulness of Anti-Tissue Transglutaminase in Celiac Disease: Correlation with Intestinal Mucosal Biopsy. *Pakistan Journal of Medical Sciences.27 (3) (pp 599-602), 2011.Date of Publication: April - June 2011.* (3): 599-602.	Study population were not exclusively suspected of CD; some were already diagnosed with CD
Rana KS, Puri P., and Badwal S. (2010) Prevalence of celiac disease in children with unexplained failure to thrive. *Medical Journal Armed Forces India.66 (2) (pp 134-137), 2010.Date of Publication: April 2010.* (2): 134-137.	Population: participants not suspected of CD. Prevalence study
Rashid M,MacDonald A. (2009) Importance of duodenal bulb biopsies in children for diagnosis of celiac disease in clinical practice. *BMC Gastroenterology* 9: 78.	Diagnostic accuracy of serology not presented; paper examined histological diagnoses
Rashtak S, Ettore M.W., Homburger H.A. et al. (2008) Combination testing for antibodies in the diagnosis of coeliac disease: comparison of multiplex immunoassay and ELISA methods. *Alimentary Pharmacology & Therapeutics* 28 (6): 805-813.	Study design: case-control
Reeves GE, Squance ML, Duggan AE, Murugasu RR, Wilson RJ, Wong RC *et al*. (2006) Diagnostic accuracy of coeliac serological tests: a prospective study , *European Journal of Gastroenterology & Hepatology,* **18**, 493-501.	Reference criteria: Marsh 3 not used

Excluded studies	Reason for exclusion
Rozenberg O, Lerner A., Pacht A. et al. (2011) A new algorithm for the diagnosis of celiac disease. *Cellular & Molecular Immunology* 8 (2): 146-149.	Study design: case-control
Rozenberg O, Lerner A., Pacht A. et al. (2012) A novel algorithm for the diagnosis of celiac disease and a comprehensive review of celiac disease diagnostics. [Review]. *Clinical Reviews in Allergy & Immunology* 42 (3): 331-341.	Reference criteria: Marsh 3 not used
Saginur M, Fawaz A.M., Spady D.W. et al. (2013) Antitissue transglutaminase antibody determination versus upper endoscopic biopsy diagnosis of paediatric celiac disease. *Paediatrics and Child Health (Canada).18 (5) (pp 246-250), 2013.Date of Publication: May 2013.* (Canada): 246-250.	Population: all participants were IgA tTG positive
Salmi TT, Collin P., Reunala T. et al. (2010) Diagnostic methods beyond conventional histology in coeliac disease diagnosis. *Digestive & Liver Disease* 42 (1): 28-32.	incomplete dataset
Sanchez MIP, Smecuol E., Vazquez H. et al. (2009) Very high rate of misdiagnosis of celiac disease in clinical practice. *Acta Gastroenterologica Latinoamericana.39 (4) (pp 250-253), 2009.Date of Publication: December 2009.* (4): 250-253.	Examining compatibility of diagnoses between centres
Saneian H,Gorgani A.M. (2012) Diagnostic value of serologic tests in celiac screening. *International Journal of Preventive Medicine* 3 (Suppl:1): 1-63.	Antibodies obtained from culture, not serum
Sayed SK, Imam H.M., Mahran A.M. et al. (2012) Diagnostic utility of deamidated gliadin peptide antibody in celiac disease compared to anti-tissue transglutaminase and IgA-endomysium antibodies. *Egyptian Journal of Immunology/Egyptian Association of Immunologists* 19 (2): 41-52.	Population outside of Europe
Schyum, A. C. and Rumessen, J. J. (2013) Serological testing for celiac disease in adults, United European Gastroenterology Journal, 1 (5), 319-325	Study design; case-control studies were used within the review analyses

Excluded studies	Reason for exclusion
Sugai E, Moreno M.L., Hwang H.J. et al. (2010) Celiac disease serology in patients with different pretest probabilities: is biopsy avoidable? *World Journal of Gastroenterology* 16 (25): 3144-3152.	Reference criteria: Marsh 3 not used
Taavela J, Kurppa K., Collin P. et al. (2013) Degree of damage to the small bowel and serum antibody titers correlate with clinical presentation of patients with celiac disease. *Clinical Gastroenterology & Hepatology* 11 (2): 166-171.	Serology compared with histological and symptom features Raw data on serology not presented
Thomas HJ, Ahmad T., Rajaguru C. et al. (2009) Contribution of histological, serological, and genetic factors to the clinical heterogeneity of adult-onset coeliac disease. *Scandinavian Journal of Gastroenterology* 44 (9): 1076-1083.	Unabe to complete 2 x 2; no control group. All participants had CD positive diagnosis
Toftedal P, Nielsen C., Madsen J.T. et al. (2010) Positive predictive value of serological diagnostic measures in celiac disease. *Clinical Chemistry & Laboratory Medicine* 48 (5): 685-691.	Seropositivity used to determine whether biopsy was carried out
Tonutti E, Visentini D., Picierno A. et al. (2009) Diagnostic efficacy of the ELISA test for the detection of deamidated anti-gliadin peptide antibodies in the diagnosis and monitoring of celiac disease. *Journal of Clinical Laboratory Analysis* 23 (3): 165-171.	Study design: case-control
Tortora R, Russo I., De Palma G.D. et al. (2012) In vitro gliadin challenge: diagnostic accuracy and utility for the difficult diagnosis of celiac disease. *American Journal of Gastroenterology* 107 (1): 111-117.	Index test was gliadin challenge. tTG was examined, but data was not given for this to calculate 2 x 2
van der Windt DA, Jellema P., Mulder C.J. et al. (2010) Diagnostic testing for celiac disease among patients with abdominal symptoms: a systematic review. [Review] [49 refs]. *JAMA* 303 (17): 1738-1746.	Marsh 3 criteria not used in all tudies within review
Vermeersch P, Geboes K., Marien G. et al. (2010) Diagnostic performance of IgG anti-deamidated gliadin peptide antibody assays is comparable to IgA anti-tTG in celiac disease. *Clinica Chimica Acta* 411 (13-14): 931-935.	Antibody assays are compared against eachother, not against biopsy
Vermeersch P, Coenen D., Geboes K. et al. (2010) Use of likelihood ratios improves clinical interpretation of IgA anti-tTG antibody testing for	Study examines sensitivity of likelihood ratios, not of serological tests of interest

Excluded studies	Reason for exclusion
celiac disease. *Clinica Chimica Acta* 411 (1-2): 13-17.	
Vermeersch P, Geboes K., Marien G. et al. (2012) Serological diagnosis of celiac disease: comparative analysis of different strategies. *Clinica Chimica Acta* 413 (21-22): 1761-1767.	Antibody assays are compared against eachother, not against biopsy
Vermeersch P, Geboes K., Marien G. et al. (2013) Defining thresholds of antibody levels improves diagnosis of celiac disease. *Clinical Gastroenterology & Hepatology* 11 (4): 398-403.	Defining different thresholds of serological assays
Villalta D, Tonutti E., Prause C. et al. (2010) IgG antibodies against deamidated gliadin peptides for diagnosis of celiac disease in patients with IgA deficiency. *Clinical Chemistry* 56 (3): 464-468.	All patients were IgA deficient - not suspected of CD
Viola L, Lugli L, Melegari A, Marotti E, Amarri S, Balli F.(2004). Antitransglutaminase enzyme-linked immune-adsorbed assay in coeliac disease diagnosis: evaluation of a diagnostic algorithm, Pediatria Medica Chirurgica ;**26**, 126-31	Reference criteria: Marsh 3 not used
Vivas S, Ruiz de Morales J.G., Riestra S. et al. (2009) Duodenal biopsy may be avoided when high transglutaminase antibody titers are present. *World Journal of Gastroenterology* 15 (38): 4775-4780.	Examined accuracy of different titres of antibodies, not sensitivity and specificity according to manufacturer cut-offs
Volta U, Fabbri A., Parisi C. et al. (2010) Old and new serological tests for celiac disease screening. *Expert review of gastroenterology & hepatology* 4 (1): 31-35.	comment
Walker MM, Murray J.A., Ronkainen J. et al. (2010) Detection of celiac disease and lymphocytic enteropathy by parallel serology and histopathology in a population-based study. *Gastroenterology* 139 (1): 112-119.	Population: not suspected of CD
Zanini B, Magni A., Caselani F. et al. (2012) High tissue-transglutaminase antibody level predicts small intestinal villous atrophy in adult patients at high risk of celiac disease. *Digestive & Liver Disease* 44 (4): 280-285.	Examined accuracy of different titres of antibodies, not sensitivity and specificity according to manufacturer cut-offs; not all people were clinically suspected of CD

G.6 Review question 5.3

Excluded studies	Reason for exclusion
Acalovschi M, Jayanthi V., Probert C.S. et al. (1992) Management of coeliac disease: a changing diagnostic approach but what value in follow up? *Quality in health care : QHC* 1 (1): 26-28.	Survey data
Agarwal N, Puri A.S., and Grover R. (2007) Non-diarrheal celiac disease: a report of 31 cases from northern India. *Indian journal of gastroenterology : official journal of the Indian Society of Gastroenterology* 26 (3): 122-126.	Population outside of Europe: india - cannot exclude non-gluten causes of enteropathy
Ashorn S, Valineva T., Kaukinen K. et al. (2009) Serological responses to microbial antigens in celiac disease patients during a gluten-free diet. *Journal of clinical immunology* 29 (2): 190-195.	Relates to monitoring - not an outcome of this question
Barakat MH, Ali S.M., Badawi A.R. et al. (1983) Peroral endoscopic duodenal biopsy in infants and children. *Acta paediatrica Scandinavica* 72 (4): 563-569.	Population outside of Europe: Kuwait - cannot exclude non-gluten causes of enteropathy
Cellier C, Cuillerier E., Patey-Mariaud De Serre N. et al. (1999) Push enteroscopy in celiac sprue and refractory sprue. *Gastrointestinal endoscopy* 50 (5): 613-617.	Endoscopic results; not an indication for repeat biospy
Ciacci C, Squillante A., Rendina D. et al. (2000) Helicobacter pylori infection and peptic disease in coeliac disease. *European journal of gastroenterology & hepatology* 12 (12): 1283-1287.	Not investigating indications for repeat biopsy
Cummins AG, Alexander B.G., Chung A. et al. (2011) Morphometric evaluation of duodenal biopsies in celiac disease. *The American journal of gastroenterology* 106 (1): 145-150.	Case-control study
Cuoco L, Cammarota G., Tursi A. et al. (1998) Disappearance of gastric mucosa-associated lymphoid tissue in coeliac patients after gluten withdrawal. *Scandinavian journal of gastroenterology* 33 (4): 401-405.	Study examines endoscopic results; not indications for repeat biopsy
Eichler I, Frisch H., and Granditsch G. (1991) Growth failure and insulin-like growth factor (IGF-I) in childhood celiac disease. *Klinische*	Monitoring of IGF; not outcome of interst for this study

Excluded studies	Reason for exclusion
Wochenschrift 69 (18): 825-829.	
Eltumi M, Brueton M.J., and Francis N. (1996) Ulceration of the small intestine in children with coeliac disease. *Gut* 39 (4): 613-614.	Case study
Green PHR,Rubin M. (2006) Capsule Endoscopy in Celiac Disease: Diagnosis and Management. *Gastrointestinal endoscopy clinics of North America* 16 (2): 307-316.	Narrative review
Koskinen O, Collin P., Lindfors K. et al. (2010) Usefulness of small-bowel mucosal transglutaminase-2 specific autoantibody deposits in the diagnosis and follow-up of celiac disease. *Journal of clinical gastroenterology* 44 (7): 483-488.	Monitoring of CD; not related outcome of interest
Lee SK, Lo W., Memeo L. et al. (2003) Duodenal histology in patients with celiac disease after treatment with a gluten-free diet. *Gastrointestinal endoscopy* 57 (2): 187-191.	Examines villous structure in CD post GFD; not indication for repeat biopsy
Lidums I, Teo E., Field J. et al. (2011) Capsule endoscopy: a valuable tool in the follow-up of people with celiac disease on a gluten-free diet. *Clinical and translational gastroenterology* 2: e4.	Monitoring; not indication for repeat biopsy
Oderda G, Forni M., Morra I. et al. (1993) Endoscopic and histologic findings in the upper gastrointestinal tract of children with coeliac disease. *Journal of pediatric gastroenterology and nutrition* 16 (2): 172-177.	Case control
Sharma N, Begum J., Eksteen B. et al. (2009) Differential ferritin expression is associated with iron deficiency in coeliac disease. *European journal of gastroenterology & hepatology* 21 (7): 794-804.	Rate of iron deficiency in CD; not indication for repeat biopsy
Tuire I, Marja-Leena L., Teea S. et al. (2012) Persistent duodenal intraepithelial lymphocytosis despite a long-term strict gluten-free diet in celiac disease. *The American journal of gastroenterology* 107 (10): 1563-1569.	Examines clinical outcome of CD patients on GFD does not examine indication for repeat biopsy
Vecsei E, Steinwendner S., Kogler H. et al. (2014) Follow-up of pediatric celiac disease: Value of antibodies in predicting mucosal healing, a prospective cohort study. *BMC*	Antibody monitoring of response to CD; not outcome of interest in this question

Excluded studies	Reason for exclusion
gastroenterology 14 (1).	
Vogelsang H, Oberhuber G., and Wyatt J. (1996) Lymphocytic gastritis and gastric permeability in patients with celiac disease. *Gastroenterology* 111 (1): 73-77.	Assessing untreated CD; Not biopsy for further investigation
Zwolinska-Wcislo M, Tomaszewska R., Rozpondek P. et al. (2012) Mucosal lesions of the gastric mucosa in adult patients with coeliac disease. *Przeglad Gastroenterologiczny* 7 (5): 291-298.	Case-control

G.7 Review question 5.4

Excluded studies	Reason for exclusion
Acalovschi M, Jayanthi V., Probert C.S. et al. (1992) Management of coeliac disease: a changing diagnostic approach but what value in follow up? *Quality in health care : QHC* 1 (1): 26-28.	Survey
Ashorn S, Valineva T., Kaukinen K. et al. (2009) Serological responses to microbial antigens in celiac disease patients during a gluten-free diet. *Journal of clinical immunology* 29 (2): 190-195.	Case series
Baker PG, Barry R.E., and Read A.E. (1975) Detection of continuing gluten ingestion in treated coeliac patients. *British medical journal* 1 (5956): 486-488.	Case series
Bardella MT, Molteni N., Prampolini L. et al. (1994) Need for follow up in coeliac disease. *Archives of disease in childhood* 70 (3): 211-213.	Case series
Basso D, Guariso G., Fogar P. et al. (2009) Antibodies against synthetic deamidated gliadin peptides for celiac disease diagnosis and follow-up in children. *Clinical chemistry* 55 (1): 150-157.	Case series
Baudon JJ, Chevalier J., Boccon-Gibod L. et al. (2005) Outcome of infants with celiac disease. *Gastroenterologie clinique et biologique* 29 (11): 1097-1102.	Case series

Excluded studies	Reason for exclusion
Bebb JR, Lawson A., Knight T. et al. (2006) Long-term follow-up of coeliac disease--what do coeliac patients want? *Alimentary pharmacology & therapeutics* 23 (6): 827-831.	Survey
Bonamico M, Nenna R., Luparia R.P.L. et al. (2008) Radioimmunological detection of anti-transglutaminase autoantibodies in human saliva: a useful test to monitor coeliac disease follow-up. *Alimentary pharmacology & therapeutics* 28 (3): 364-370.	Case series
Cammarota G, Cuoco L., Cesaro P. et al. (2007) A highly accurate method for monitoring histological recovery in patients with celiac disease on a gluten-free diet using an endoscopic approach that avoids the need for biopsy: a double-center study. *Endoscopy* 39 (1): 46-51.	Case series
Candon S, Mauvais F.X., Garnier-Lengline H. et al. (2012) Monitoring of anti-transglutaminase autoantibodies in pediatric celiac disease using a sensitive radiobinding assay. *Journal of pediatric gastroenterology and nutrition* 54 (3): 392-396.	Incomplete follow up
Ciacci C, Cirillo M., Cavallaro R. et al. (2002) Long-term follow-up of celiac adults on gluten-free diet: prevalence and correlates of intestinal damage. *Digestion* 66 (3): 178-185.	Case series
Colaco J, Egan-Mitchell B., Stevens F.M. et al. (1987) Compliance with gluten free diet in coeliac disease. *Archives of disease in childhood* 62 (7): 706-708.	Case series
Dewar DH, Donnelly S.C., McLaughlin S.D. et al. (2012) Celiac disease: management of persistent symptoms in patients on a gluten-free diet. *World journal of gastroenterology : WJG* 18 (12): 1348-1356.	Population had non-responsive coeliac disease
Dipper CR, Maitra S., Thomas R. et al. (2009) Anti-tissue transglutaminase antibodies in the follow-up of adult coeliac disease. *Alimentary pharmacology & therapeutics* 30 (3): 236-244.	Case series
Hallert C, Grant C., Grehn S. et al. (2002) Evidence of poor vitamin status in coeliac	Case series

Excluded studies	Reason for exclusion
patients on a gluten-free diet for 10 years. *Alimentary pharmacology & therapeutics* 16 (7): 1333-1339.	
Herman ML, Rubio-Tapia A., Lahr B.D. et al. (2012) Patients with celiac disease are not followed up adequately. *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association* 10 (8): 893-899.	Audit examining the frequency of follow-up with coeliac disease
Hogen Esch CE, Wolters V.M., Gerritsen S.A.M. et al. (2011) Specific celiac disease antibodies in children on a gluten-free diet. *Pediatrics* 128 (3): 547-552.	Incomplete follow-up
Hopper AD, Cross S.S., Hurlstone D.P. et al. (2007) Pre-endoscopy serological testing for coeliac disease: Evaluation of a clinical decision tool. *British medical journal* 334 (7596): 729-732.	Population with suspected coeliac disease
Hutchinson JM, West N.P., Robins G.G. et al. (2010) Long-term histological follow-up of people with coeliac disease in a UK teaching hospital. *QJM : monthly journal of the Association of Physicians* 103 (7): 511-517.	Case series
Kaukinen K, Sulkanen S., Maki M. et al. (2002) IgA-class transglutaminase antibodies in evaluating the efficacy of gluten-free diet in coeliac disease. *European journal of gastroenterology & hepatology* 14 (3): 311-315.	Case series
Kumar PJ, Walker-Smith J., Milla P. et al. (1988) The teenage coeliac: follow up study of 102 patients. *Archives of disease in childhood* 63 (8): 916-920.	Cross sectional study
Kurppa K, Lauronen O., Collin P. et al. (2012) Factors associated with dietary adherence in celiac disease: a nationwide study. *Digestion* 86 (4): 309-314.	Cross sectional study
Labidi A, Serghini M., Karoui S. et al. (2013) Diagnosis and management of refractory celiac disease: a systematic review. *La Tunisie medicale* 91 (8-9): 493-498.	Narrative review of refractory coeliac disease
Lanzini A, Lanzarotto F., Villanacci V. et al. (2009) Complete recovery of intestinal mucosa	Case series

Excluded studies	Reason for exclusion
occurs very rarely in adult coeliac patients despite adherence to gluten-free diet. *Alimentary pharmacology & therapeutics* 29 (12): 1299-1308.	
Lebwohl B, Murray J.A., Rubio-Tapia A. et al. (2014) Predictors of persistent villous atrophy in coeliac disease: a population-based study. *Alimentary pharmacology & therapeutics* 39 (5): 488-495.	Case series
Leffler DA, Edwards George J.B., Dennis M. et al. (2007) A prospective comparative study of five measures of gluten-free diet adherence in adults with coeliac disease. *Alimentary pharmacology & therapeutics* 26 (9): 1227-1235.	Unable to calculate outcome
Leffler DA, Dennis M., Hyett B. et al. (2007) Etiologies and predictors of diagnosis in nonresponsive celiac disease. *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association* 5 (4): 445-450.	Population had non-responsive coeliac disease
Lukic M, Segec A., Segec I. et al. (2010) The effects of gluten-free diet on body weight in children with celiac disease. *Collegium antropologicum* 34 Suppl 1: 55-60.	Study examines the effect of gluten-free diet non weight
Mahadev S, Simpson S., Lebwohl B. et al. (2013) Is dietitian use associated with celiac disease outcomes? *Nutrients* 5 (5): 1585-1594.	Survey
Martin-Pagola A, Ortiz-Paranza L., Bilbao J.R. et al. (2007) Two-year follow-up of anti-transglutaminase autoantibodies among celiac children on gluten-free diet: comparison of IgG and IgA. *Autoimmunity* 40 (2): 117-121.	Case series
Martini S, Mengozzi G., Aimo G. et al. (2002) Comparative evaluation of serologic tests for celiac disease diagnosis and follow-up. *Clinical chemistry* 48 (6 Pt 1): 960-963.	Case series
Matysiak-Budnik T, Malamut G., de Serre N.P.-M. et al. (2007) Long-term follow-up of 61 coeliac patients diagnosed in childhood: evolution toward latency is possible on a normal diet. *Gut* 56 (10): 1379-1386.	Cross sectional study

Excluded studies	Reason for exclusion
Mayer M, Greco L., Troncone R. et al. (1991) Compliance of adolescents with coeliac disease with a gluten free diet. *Gut* 32 (8): 881-885.	Case series
Midhagen G,Hallert C. (2003) High rate of gastrointestinal symptoms in celiac patients living on a gluten-free diet: controlled study. *The American journal of gastroenterology* 98 (9): 2023-2026.	Cross sectional study
Mitchell RMS,Robinson T.J. (2002) Monitoring dietary compliance in coeliac disease using red cell distribution width. *International journal of clinical practice* 56 (4): 249-250.	Population included people without coeliac disease
Mozer-Glassberg Y, Zevit N., Rosenbach Y. et al. (2011) Follow-up of children with celiac disease - lost in translation? *Digestion* 83 (4): 283-287.	Narrative review
Nowowiejska B, Kaczmarski M., and Dabrowska E.J. (1995) A long-term study in children with a recognized gluten intolerance. *Roczniki Akademii Medycznej w Bialymstoku (1995)* 40 (3): 580-587.	Unable to use data presents means for adherent vs non-adherent groups
Pietzak MM. (2005) Follow-up of patients with celiac disease: achieving compliance with treatment. *Gastroenterology* 128 (4 Suppl 1): S135-S141.	Survey
Purnak T, Efe C., Yuksel O. et al. (2011) Mean platelet volume could be a promising biomarker to monitor dietary compliance in celiac disease. *Upsala journal of medical sciences* 116 (3): 208-211.	Cross sectional study
Rajani S, Sawyer-Bennett J., Shirton L. et al. (2013) Patient and parent satisfaction with a dietitian- and nurse- led celiac disease clinic for children at the Stollery Children's Hospital, Edmonton, Alberta. *Canadian journal of gastroenterology = Journal canadien de gastroenterologie* 27 (8): 463-466.	Case series
Roos S, Karner A., and Hallert C. (2009) Gastrointestinal symptoms and well-being of adults living on a gluten-free diet: a case for nursing in celiac disease. *Gastroenterology nursing : the official journal of the Society of*	Overview of monitoring patients with non-responsive coeliac disease

Excluded studies	Reason for exclusion
Gastroenterology Nurses and Associates 32 (3): 196-201.	
Rubio-Tapia A, Rahim M.W., See J.A. et al. (2010) Mucosal recovery and mortality in adults with celiac disease after treatment with a gluten-free diet. *The American journal of gastroenterology* 105 (6): 1412-1420.	Incomplete follow up
Schuppan D, Kelly C.P., and Krauss N. (2006) Monitoring non-responsive patients with celiac disease. *Gastrointestinal endoscopy clinics of North America* 16 (3): 593-603.	Case series
Sharkey LM, Corbett G., Currie E. et al. (2013) Optimising delivery of care in coeliac disease - comparison of the benefits of repeat biopsy and serological follow-up. *Alimentary pharmacology & therapeutics* 38 (10): 1278-1291.	Narrative review of clinical guidelines for coeliac disease
Silano M, Volta U., Vincenzi A.D. et al. (2008) Effect of a gluten-free diet on the risk of enteropathy-associated T-cell lymphoma in celiac disease. *Digestive diseases and sciences* 53 (4): 972-976.	Case series
Silvester JA,Rashid M. (2007) Long-term follow-up of individuals with celiac disease: an evaluation of current practice guidelines. *Canadian journal of gastroenterology = Journal canadien de gastroenterologie* 21 (9): 557-564.	Survey
Troncone R, Mayer M., Spagnuolo F. et al. (1995) Endomysial antibodies as unreliable markers for slight dietary transgressions in adolescents with celiac disease. *Journal of pediatric gastroenterology and nutrition* 21 (1): 69-72.	Case series
Ukkola A, Maki M., Kurppa K. et al. (2012) Patients' experiences and perceptions of living with coeliac disease - implications for optimizing care. *Journal of gastrointestinal and liver diseases : JGLD* 21 (1): 17-22.	Case series
Vahedi K, Mascart F., Mary J.Y. et al. (2003) Reliability of antitransglutaminase antibodies as predictors of gluten-free diet compliance in adult celiac disease. *The American journal of gastroenterology* 98 (5): 1079-1087.	Population had non-responsive coeliac disease

Excluded studies	Reason for exclusion
Valletta EA,Mastella G. (1990) Adherence to gluten-free diet and serum antigliadin antibodies in celiac disease. *Digestion* 47 (1): 20-23.	Cross sectional study
Van Weyenberg SJB, Smits F., Jacobs M.A.J.M. et al. (2013) Video capsule endoscopy in patients with nonresponsive celiac disease. *Journal of clinical gastroenterology* 47 (5): 393-399.	Case series
Vecsei E, Steinwendner S., Kogler H. et al. (2014) Follow-up of pediatric celiac disease: value of antibodies in predicting mucosal healing, a prospective cohort study. *BMC gastroenterology* 14 (1): 28.	Reason for exclusion
Wahab PJ, Meijer J.W.R., and Mulder C.J.J. (2002) Histologic follow-up of people with celiac disease on a gluten-free diet: slow and incomplete recovery. *American journal of clinical pathology* 118 (3): 459-463.	Survey

G.8 Review question 6.1

Excluded studies	Reason for exclusion
Atlas DS, Rubio-Tapia A., Van Dyke C.T. et al. (2011) Capsule endoscopy in nonresponsive celiac disease. *Gastrointestinal endoscopy* 74 (6): 1315-1322.	Case-control
Barret M, Malamut G., Rahmi G. et al. (2012) Diagnostic yield of capsule endoscopy in refractory celiac disease. *The American journal of gastroenterology* 107 (10): 1546-1553.	Case-control
Bernardo D, van Hoogstraten I.M.W., Verbeek W.H.M. et al. (2008) Decreased circulating iNKT cell numbers in refractory coeliac disease. *Clinical immunology (Orlando, Fla.)* 126 (2): 172-179.	aim: role of iNKT cells, not investigative procedure
Brousse N,Meijer J.W.R. (2005) Malignant complications of coeliac disease. *Best practice & research.Clinical gastroenterology* 19 (3): 401-412.	Narrative review

Excluded studies	Reason for exclusion
Caruso R, Marafini I., Sedda S. et al. (2014) Analysis of the cytokine profile in the duodenal mucosa of refractory coeliac disease patients. *Clinical science (London, England : 1979)* 126 (6): 451-458.	cytokine profile, not investigative procedure
Cellier C, Patey N., Mauvieux L. et al. (1998) Abnormal intestinal intraepithelial lymphocytes in refractory sprue. *Gastroenterology* 114 (3): 471-481.	case-control
Cellier C, Cuillerier E., Patey-Mariaud De Serre N. et al. (1999) Push enteroscopy in celiac sprue and refractory sprue. *Gastrointestinal endoscopy* 50 (5): 613-617.	case-control
Cellier C, Delabesse E., Helmer C. et al. (2000) Refractory sprue, coeliac disease, and enteropathy-associated T-cell lymphoma. French Coeliac Disease Study Group. *Lancet* 356 (9225): 203-208.	case-control
Cianci R, Pagliari D., Landolfi R. et al. (2012) New insights on the role of T cells in the pathogenesis of celiac disease. *Journal of biological regulators and homeostatic agents* 26 (2): 171-179.	Editorial
Di Sabatino A, Giuffrida P., Vanoli A. et al. (2014) Increase in neuroendocrine cells in the duodenal mucosa of patients with refractory celiac disease. *The American journal of gastroenterology* 109 (2): 258-269.	causes of RCD at cellular level, not investigative procedure
Evans KE,Sanders D.S. (2009) Joint BAPEN and British Society of Gastroenterology Symposium on 'Coeliac disease: basics and controversies'. Coeliac disease: optimising the management of patients with persisting symptoms? *The Proceedings of the Nutrition Society* 68 (3): 242-248.	Narrative review
Ho-Yen C, Chang F., van der Walt J. et al. (2009) Recent advances in refractory coeliac disease: a review. *Histopathology* 54 (7): 783-795.	Narrative review
Hollon JR, Cureton P.A., Martin M.L. et al. (2013) Trace gluten contamination may play a role in mucosal and clinical recovery in a subgroup of diet-adherent non-responsive celiac	Study aims: therapeutic management

Excluded studies	Reason for exclusion
disease patients. *BMC gastroenterology* 13: 40.	
Isaacson PG. (2000) Relation between cryptic intestinal lymphoma and refractory sprue. *Lancet* 356 (9225): 178-179.	comment
Kaukinen K, Peraaho M., Lindfors K. et al. (2007) Persistent small bowel mucosal villous atrophy without symptoms in coeliac disease. *Alimentary pharmacology & therapeutics* 25 (10): 1237-1245.	Narrative review
Krauss N,Schuppan D. (2006) Monitoring nonresponsive patients who have celiac disease. *Gastrointestinal endoscopy clinics of North America* 16 (2): 317-327.	Narrative review
Maiden L, Elliott T., McLaughlin S.D. et al. (2009) A blinded pilot comparison of capsule endoscopy and small bowel histology in unresponsive celiac disease. *Digestive diseases and sciences* 54 (6): 1280-1283.	Unable to retrieve this study
Maurino E, Niveloni S., Chernavsky A.C. et al. (2006) Clinical characteristics and long-term outcome of patients with refractory sprue diagnosed at a single institution. *Acta gastroenterologica Latinoamericana* 36 (1): 10-22.	Unable to retrieve this study
Mike N, Udeshi U., Asquith P. et al. (1990) Small bowel enema in non-responsive coeliac disease. *Gut* 31 (8): 883-885.	Small bowel enema not procedure of interest
Mulder CJ, Wahab P.J., Moshaver B. et al. (2000) Refractory coeliac disease: a window between coeliac disease and enteropathy associated T cell lymphoma. *Scandinavian journal of gastroenterology.Supplement* (232): 32-37.	Narrative review
O'Shea U, Abuzakouk M., O'Morain C. et al. (2008) Investigation of molecular markers in the diagnosis of refractory coeliac disease in a large patient cohort. *Journal of clinical pathology* 61 (11): 1200-1202.	Molecular markers not investigative procedure of interest to this question
Patey-Mariaud De Serre N, Cellier C., Jabri B. et al. (2000) Distinction between coeliac disease and refractory sprue: a simple immunohistochemical method. *Histopathology*	case-control

Excluded studies	Reason for exclusion
37 (1): 70-77.	
Rubio-Tapia A,Murray J.A. (2010) Classification and management of refractory coeliac disease. *Gut* 59 (4): 547-557.	Narrative review
Verbeek WHM, von Blomberg B.M., Scholten P.E.T. et al. (2008) The presence of small intestinal intraepithelial gamma/delta T-lymphocytes is inversely correlated with lymphoma development in refractory celiac disease. *The American journal of gastroenterology* 103 (12): 3152-3158.	Case-control
Verbeek WHM, Goerres M.S., von Blomberg B.M. et al. (2008) Flow cytometric determination of aberrant intra-epithelial lymphocytes predicts T-cell lymphoma development more accurately than T-cell clonality analysis in Refractory Celiac Disease. *Clinical immunology (Orlando, Fla.)* 126 (1): 48-56.	Case-control
Verkarre V, Asnafi V., Lecomte T. et al. (2003) Refractory coeliac sprue is a diffuse gastrointestinal disease. *Gut* 52 (2): 205-211.	Narrative review
Wolters VM, Verbeek W.H.M., Zhernakova A. et al. (2007) The MYO9B gene is a strong risk factor for developing refractory celiac disease. *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association* 5 (12): 1399-2.	Study aim: diagnosis, not investigation

G.9 Review question 6.2

Excluded studies	Reason for exclusion
Anon (1952) CORTISONE and act in nontropical sprue. Nutrition Reviews 10: 169-72.	Commentary.
Anon (1981) Response of gluten-sensitive enteropathy to corticosteroids. Nutrition Reviews 39: 132-4.	Case report.
Abdallah H, Leffler D, Dennis M et al. (2007) Refractory celiac disease. [Review] [45 refs]. Current Gastroenterology Reports 9: 401-5.	Narrative review (references checked).
ADLERSBERG D, COLCHER H, DRACHMAN SR (1951) Studies on the effects of cortisone and pituitary adrenocorticotropic hormone (ACTH) in the sprue syndrome. Gastroenterology 19: 674-97.	Not RCD.

Excluded studies	Reason for exclusion
ADLERSBERG D, COLCHER H, WANG CI (1953) Oral use of hydrocortisone (compound F) in treatment of sprue. A Archives: 615-27.	Not refractory to GFD.
Al-Dewachi H, Wright NA, Appleton DR et al. (1977) Action of prednisolone on the small bowel mucosa. Gut.18 (11) (pp A967-A968), 1977.Date of Publication: 1977. A967-A968.	Not RCD and not human.
Al-Toma A, Verbeek WH, Mulder CJ (2007) The management of complicated celiac disease. Digestive Diseases 25: 230-6.	Narrative review (references checked).
Al-Toma A, Verbeek WH, Mulder CJ (2007) Update on the management of refractory coeliac disease. [Review] [32 refs]. Journal of Gastrointestinal & Liver Diseases 16: 57-63.	Narrative review (references checked).
BADENOCH J, CALLENDER ST (1960) Effect of corticosteroids and gluten-free diet on absorption of iron inidiopathic steatorrhoea and coeliac disease. Lancet 1: 192-4.	Not RCD.
BECK IT (1964) Treatment of malabsorption syndrome. Canadian Medical Association Journal 91: 301-2.	Narrative review.
Bramble MG, Watson AJ, Scott J et al. (1981) Clinical, biochemical and morphological responses of patients with villous atrophy to oral betamethasone valerate and clobetasone butyrate. Digestion 22: 281-8.	Not RCD.
Bramble MG, Watson AJ, Record CO (1981) The effect of the topical steroid clobetasone butyrate on coeliac mucosa maintained in organ culture. Digestion 21: 316-24.	Not RCD.
Cellier C, Cerf-Bensussan N (2006) Treatment of clonal refractory celiac disease or cryptic intraepithelial lymphoma: A long road from bench to bedside. Clinical Gastroenterology & Hepatology 4: 1320-1.	Narrative review.
Change MS, Minaya MT, Cheng J et al. (2011) Double-blind randomized controlled trial of rifaximin for persistent symptoms in patients with celiac disease. Digestive Diseases & Sciences 56: 2939-46.	Study is about treating small intestinal bacterial overgrowth associated with coeliac disease that does not respond to a gluten-free diet, not refractory coeliac disease. Furthermore, it is about treating the symptoms, rather than the coeliac disease.
Chaudhary R, Ghosh S (2005) Infliximab in refractory coeliac disease. [Review] [13 refs]. European Journal of Gastroenterology & Hepatology 17: 603-4.	Commentary (references checked).
Chehade M, Benkov K (2002) Gastrointestinal issues in children with rheumatologic disease. Current Rheumatology Reports 4: 458-65.	Narrative review and not RCD.
Ciacci C, Maiuri L, Russo I et al. (2009) Efficacy of budesonide therapy in the early phase of treatment of adult coeliac disease patients with malabsorption: an in vivo/in vitro pilot study. Clinical & Experimental Pharmacology & Physiology 36: 1170-6.	Not RCD.

Excluded studies	Reason for exclusion
COLCHER H, DRACHMAN SR, ADLERSBERG D (1953) Management of intractable sprue with cortisone and adrenocorticotropin (ACTH). Annals of Internal Medicine 38: 554-67.	Not GFD.
Collins JR, Isselbacher KJ (1964) Treatment of adult celiac disease (Nontropical sprue). New England Journal of Medicine 271: 1153-6.	Narrative review.
Daum S, Cellier C, Mulder CJ (2005) Refractory coeliac disease. [Review] [54 refs]. Best Practice & Research in Clinical Gastroenterology 19: 413-24.	Narrative review (references checked)
de Boer NK, de GP, Wilhelm AJ et al. (2005) On the limitation of 6-tioguaninenucleotide monitoring during tioguanine treatment. Alimentary Pharmacology & Therapeutics 22: 447-51.	Inflammatory bowel disease (and 2 patients with RCD had results combined with others with bowel disease).
Dray X, Joly F, Lavergne-Slove A et al. (2006) A severe but reversible refractory sprue. Gut 55: 1210-1.	Case report.
Duerksen DR, Ma MM, Jewell LD (1995) Failure of immunosuppressive therapy to prevent relapse of celiac sprue. Journal of Clinical Gastroenterology 21: 255-7.	Case report.
FINLAY JM, WIGHTMAN KJ (1956) Modern treatment of the malabsorption syndrome in adults. Annals of Internal Medicine 45: 191-206.	Not clear if 'secondary malabsorption' was because refractory to GFD.
Gheorghe L, Popescu I, Gheorghe C et al. (1997) Fatal intestinal hemorrhage complicating ileal lymphoma after cyclosporine for unresponsive celiac disease. Hepato-Gastroenterology 44: 1342-5.	Case report
Green PH, Lebwohl B (2011) Mesalamine for refractory celiac disease: an old medicine for a new disease. Journal of Clinical Gastroenterology 45: 1-3.	Commentary.
Grimmer SF, Back DJ, Orme ML et al. (1992) The in-vitro mucosal conjugation of ethinyloestradiol and the bioavailability of oral contraceptive steroids in patients with treated and untreated coeliac disease. Alimentary Pharmacology & Therapeutics 6: 79-85.	Not RCD.
Holdstock DJ, Oleesky S (1973) Successful treatment of collagenous sprue with combination of prednisolone and gluten-free diet. Postgraduate Medical Journal 49: 664-7.	Case report.
Holtmeier J, Leuschner U (2001) Medical treatment of primary biliary cirrhosis and primary sclerosing cholangitis. [Review] [186 refs]. Digestion 64: 137-50.	Narrative review and not RCD.
KELLEY ML, Jr., LOGAN VW, CHRIST LM (1955) Correction of the anemia of malabsorption syndrome (nontropical sprue?)	Case report

Excluded studies	Reason for exclusion
by oral administration of cortisone and iron. New England Journal of Medicine 252: 658-61.	
Krauss N, Schuppan D (2006) Monitoring nonresponsive patients who have celiac disease. [Review] [33 refs]. Gastrointestinal Endoscopy Clinics of North America 16: 317-27.	Not about treatment of RCD.
Latorre M, Green PH (2012) The role of corticosteroids in celiac disease. Digestive Diseases & Sciences 57: 3039-41.	Narrative review (references checked).
LAYNE JA, PAYNTER CR (1956) The simultaneous correction of plain-water deficit and extracellular fluid volume loss in non-tropical sprue treated with prednisolone. Gastroenterology 31: 204-9.	Case report.
Lees CW, Ali AI, Thompson AI et al. (2009) The safety profile of anti-tumour necrosis factor therapy in inflammatory bowel disease in clinical practice: analysis of 620 patient-years follow-up. Alimentary Pharmacology & Therapeutics 29: 286-97.	Study on inflammatory bowel disease generally: includes 3 patients with refractory coeliac disease but outcomes not separated by indication; refractory coeliac disease not defined and unclear how long patients were required to be on a gluten-free diet before being considered refractory.
Leffler D, Saha S, Farrell RJ (2003) Celiac disease. American Journal of Managed Care.9 (12) (pp 825-831), 2003.Date of Publication: December 2003. 825-31.	Not RCD.
LEPORE MJ (1958) Long-term or maintenance adrenal steroid therapy in non-tropical sprue. American Journal of Medicine 25: 381-90.	Not refractory to GFD.
Longstreth GF (1993) Successful treatment of refractory sprue with cyclosporine.[Erratum appears in Ann Intern Med 1994 Mar 1;120(5):443]. Annals of Internal Medicine 119: 1014-6.	Case report.
Maguire AA, Greenson JK, Lauwers GY et al. (2009) Collagenous sprue: a clinicopathologic study of 12 cases. American Journal of Surgical Pathology 33: 1440-9.	Not RCD.
Mauriño E, Niveloni S, Cherñavsky AC et al. (2006) Clinical characteristics and long-term outcome of patients with refractory sprue diagnosed at a single institution. Acta gastroenterology Latinoamerica 36: 10-22.	Outcomes are not reported separately for different treatments received (only for all patients, regardless of treatment).
Mooney PD, Evans KE, Singh S et al. (2012) Treatment failure in coeliac disease: A practical guide to investigation and treatment of non-responsive and refractory coeliac disease. Journal of Gastrointestinal and Liver Diseases.21 (2) (pp 197-203), 2012.Date of Publication: June 2012. 197-203.	Narrative review (references checked).
Mulder CJ, Wahab PJ, Moshaver B et al. (2000) Refractory coeliac disease: a window between coeliac disease and enteropathy associated T cell lymphoma. [Review] [39 refs]. Scandinavian Journal of Gastroenterology - Supplement : 32-7.	Commentary.

Excluded studies	Reason for exclusion
Mulder CJ, Wahab PJ, Meijer JW et al. (2001) A pilot study of recombinant human interleukin-10 in adults with refractory coeliac disease. European Journal of Gastroenterology & Hepatology 13: 1183-8.	Drug not licensed.
Nino M, Ciacci C, Delfino M (2007) A long-term gluten-free diet as an alternative treatment in severe forms of dermatitis herpetiformis. Journal of Dermatological Treatment 18: 10-2.	Not GFD.
O'Mahony S, Howdle PD, Losowsky MS (1996) Review article: management of patients with non-responsive coeliac disease. [Review] [96 refs]. Alimentary Pharmacology & Therapeutics 10: 671-80.	Narrative review (references checked).
Olesen M, Eriksson S, Bohr J et al. (2004) Lymphocytic colitis: a retrospective clinical study of 199 Swedish patients. Gut 53: 536-41.	Not RCD.
POLLACK AA, POLLACK H (1951) Nontropical sprue treated with cortisone. New York State Journal of Medicine 51: 2284.	Case report.
Ricart E, Bouma G, Pena AS (2002) The therapeutic spectrum of infliximab and tumor necrosis factor immunomodulation in chronic inflammatory diseases. [Review] [79 refs]. Drugs of Today 38: 725-44.	Not available from British Library or other sources.
Rostom A, Murray JA, Kagnoff MF (2006) American Gastroenterological Association (AGA) Institute technical review on the diagnosis and management of celiac disease. [Review] [303 refs]. Gastroenterology 131: 1981-2002.	Narrative review (references checked).
Rubio-Tapia A and Murray JA. (2010) Classification and management of refractory coeliac disease. Gut 59:547–57.	Narrative review.
Ryan BM, Kelleher D (2000) Refractory celiac disease. [Review] [91 refs]. Gastroenterology 119: 243-51.	Narrative review.
Samasca G, Sur G, Lupan I (2013) Current trends and investigative developments in celiac disease. Immunological Investigations.42 (4) (pp 273-284), 2013.Date of Publication: 2013. 273-84.	Narrative review.
Stuart BM, Gent AE (1998) Atrophy of the coeliac mucosa. European Journal of Gastroenterology & Hepatology 10: 523-5.	Not RCD.
Szaflarska-Szczepanik A (2004) Refractory coeliac disease. Gastroenterologia Polska.11 (5) (pp 471-475), 2004.Date of Publication: 2004. 471-5.	Narrative review (references checked).
Turner SM, Moorghen M, Probert CS (2005) Refractory coeliac disease: remission with infliximab and immunomodulators. [Review] [11 refs]. European Journal of Gastroenterology & Hepatology 17: 667-9.	Review and case report (references checked).

Excluded studies	Reason for exclusion
van Asseldonk DP, Tack GJ, Van Wanrooij RLJ et al. (2012) Commentary: Tioguanine in the treatment of refractory coeliac disease - Authors' reply. Alimentary Pharmacology and Therapeutics.36 (6) (pp 595-596), 2012.Date of Publication: September 2012. 595-6.	Commentary.
Vuoristo M, Tarpila S, Miettinen TA (1980) Serum lipids and fecal steroids in patients with celiac disease: effects of gluten-free diet and cholestyramine. Gastroenterology 78: 1518-25.	Not RCD.
Woodward J (2013) The management of refractory coeliac disease. Therapeutic Advances in Chronic Disease 4: 77-90.	Narrative review (references checked).

G.10 Review question 6.3

Excluded studies	Reason for exclusion
Baker AL, Rosenberg IH (1978) Refractory sprue: recovery after removal of nongluten dietary proteins. Annals of Internal Medicine 89: 505-8.	Case report.
Barera G, Beccio S, Proverbio MC et al. (2004) Longitudinal changes in bone metabolism and bone mineral content in children with celiac disease during consumption of a gluten-free diet. American Journal of Clinical Nutrition 79: 148-54.	Didn't include patients with refractory coeliac disease.
Blazina S, Bratanic N, Campa AS et al. (2010) Bone mineral density and importance of strict gluten-free diet in children and adolescents with celiac disease. Bone 47: 598-603.	Didn't include patients with refractory coeliac disease.
Boda M, Nemeth I (1992) Decrease in the antioxidant capacity of red blood cells in children with celiac disease. Acta Paediatrica Hungarica 32: 241-55.	Didn't include patients with refractory coeliac disease.
Booth IW (1991) The nutritional consequences of gastrointestinal disease in adolescence. [Review] [72 refs]. Acta Paediatrica Scandinavica - Supplement 373: 91-102.	Didn't include patients with refractory coeliac disease.
Burrows R, Leiva L, Burgueno M et al. (1999) Bone mineral density (BMD) in children with celiac disease (CD): Its relation to puberty and calcium intake. Nutrition Research.19 (4) (pp 493-499), 1999.Date of Publication: April 1999. 493-9.	Didn't include patients with refractory coeliac disease.
Capriles VD, Martini LA, Areas JAG (2009) Metabolic osteopathy in celiac disease: Importance of a gluten-free diet. Nutrition Reviews.67 (10) (pp 599-606), 2009.Date of Publication: October 2009. 599-606.	Didn't include patients with refractory coeliac disease.
Culliford AN, Green PH (2003) Refractory sprue. [Review] [50 refs]. Current Gastroenterology Reports 5: 373-8.	Not about nutrition.

Excluded studies	Reason for exclusion
Daum S, Cellier C, Mulder CJ (2005) Refractory coeliac disease. [Review] [54 refs]. Best Practice & Research in Clinical Gastroenterology 19: 413-24.	Not about nutrition.
Dewar DH, Donnelly SC, McLaughlin SD et al. (2012) Celiac disease: Management of persistent symptoms in patients on a gluten-free diet. World Journal of Gastroenterology.18 (12) (pp 1348-1356), 2012.Date of Publication: 20120328. 1348-56.	Not about nutrition.
Dickey W (2002) Low serum vitamin B12 is common in coeliac disease and is not due to autoimmune gastritis. European Journal of Gastroenterology & Hepatology 14: 425-7.	Didn't include patients with refractory coeliac disease.
DuBois RN, Lazenby AJ, Yardley JH et al. (1989) Lymphocytic enterocolitis in patients with 'refractory sprue'. JAMA 262: 935-7.	Case report/retrospective study.
Ferguson A (1994) Immunological functions of the gut in relation to nutritional state and mode of delivery of nutrients. Gut 35: Suppl-2.	Animal study.
Fine KD, Meyer RL, Lee EL (1997) The prevalence and causes of chronic diarrhea in patients with celiac sprue treated with a gluten-free diet. Gastroenterology.112 (6) (pp 1830-1838), 1997.Date of Publication: 1997. 1830-8.	About the diagnosis of co-existing conditions.
Freeman HJ (2008) Refractory celiac disease and sprue-like intestinal disease. World Journal of Gastroenterology 14: 828-30.	Not about nutrition.
Garcia-Manzanares A, Lucendo AJ (2011) Nutritional and dietary aspects of celiac disease. [Review]. Nutrition in Clinical Practice 26: 163-73.	Didn't include patients with refractory coeliac disease.
Hallert C, Grant C, Grehn S et al. (2002) Evidence of poor vitamin status in coeliac patients on a gluten-free diet for 10 years. Alimentary Pharmacology & Therapeutics 16: 1333-9.	Didn't include patients with refractory coeliac disease.
Kemppainen T, Uusitupa M, Janatuinen E et al. (1995) Intakes of nutrients and nutritional status in coeliac patients. Scandinavian Journal of Gastroenterology 30: 575-9.	Didn't include patients with refractory coeliac disease.
Krauss N, Schuppan D (2006) Monitoring nonresponsive patients who have celiac disease. [Review] [33 refs]. Gastrointestinal Endoscopy Clinics of North America 16: 317-27.	Not about nutrition.
Lakatos PL, Kiss LS, Miheller P (2011) Nutritional influences in selected gastrointestinal diseases. [Review]. Digestive Diseases 29: 154-65.	Didn't include patients with refractory coeliac disease.
Malamut G, Afchain P, Verkarre V et al. (2009) Presentation and Long-Term Follow-up of Refractory Celiac Disease: Comparison of	Only about diagnosis.

Excluded studies	Reason for exclusion
Type I With Type II. Gastroenterology.136 (1) (pp 81-90), 2009.Date of Publication: January 2009. 81-90.	
Malterre T (2009) Digestive and nutritional considerations in celiac disease: could supplementation help? Alternative Medicine Review.14 (3) (pp 247-257), 2009.Date of Publication: Sep 2009. 247-57.	Didn't include patients with refractory coeliac disease.
Maurino E, Niveloni S, Chernavsky AC et al. (2006) Clinical characteristics and long-term outcome of patients with refractory sprue diagnosed at a single institution. Acta Gastroenterologica Latinoamericana 36: 10-22.	Retrospective cohort.
Mooney PD, Evans KE, Singh S et al. (2012) Treatment failure in coeliac disease: A practical guide to investigation and treatment of non-responsive and refractory coeliac disease. Journal of Gastrointestinal and Liver Diseases.21 (2) (pp 197-203), 2012.Date of Publication: June2012. 197-203.	Review article.
Mulder CJ, Wahab PJ, Moshaver B et al. (2000) Refractory coeliac disease: a window between coeliac disease and enteropathy associated T cell lymphoma. [Review] [39 refs]. Scandinavian Journal of Gastroenterology - Supplement : 32-7.	Not about nutrition.
Nielsen OH, Jacobsen O, Pedersen ER (1985) Non-tropical sprue. Malignant diseases and mortality rate. Scandinavian Journal of Gastroenterology.20 (1) (pp 13-18), 1985.Date of Publication: 1985. 13-8.	Not about nutrition.
Olaussen R, et al (2005) Effect of Elemental Diet on Mucosal Immunopathology and Clinical Symptoms in Type 1 Refractory Celiac Disease, Clinical Gastroenterology and Hepatology 2005;3:875–885	Case series
O'Mahony S, Howdle PD, Losowsky MS (1996) Review article: management of patients with non-responsive coeliac disease. [Review] [96 refs]. Alimentary Pharmacology & Therapeutics 10: 671-80.	Review article.
Rubio-Tapia A, Murray JA (2010) Classification and management of refractory coeliac disease. [Review] [88 refs]. Gut 59: 547-57.	Only about diagnosis and classification, not dietary treatment.
Ryan BM, Kelleher D (2000) Refractory celiac disease. [Review] [91 refs]. Gastroenterology 119: 243-51.	Not a primary study.
Shepherd SJ, Gibson PR (2013) Nutritional inadequacies of the gluten-free diet in both recently-diagnosed and long-term patients with coeliac disease. Journal of Human Nutrition & Dietetics 26: 349-58.	Didn't include patients with refractory coeliac disease.
Stahlberg MR, Savilahti E, Siimes MA (1991) Iron deficiency in coeliac disease is mild and it	Didn't include patients with refractory coeliac disease.

Excluded studies	Reason for exclusion
is detected and corrected by gluten-free diet. Acta Paediatrica Scandinavica 80: 190-3.	
Sussman DA, Barkin J, Barkin JS (2007) Diet resistant celiac disease [10]. American Journal of Gastroenterology.102 (8) (pp 1833-1834), 2007.Date of Publication: August 2007. 1833-4.	A letter.
Tack GJ, Verbeek WH, Schreurs MW et al. (2010) The spectrum of celiac disease: epidemiology, clinical aspects and treatment. [Review] [135 refs]. Nature Reviews Gastroenterology & Hepatology 7: 204-13.	Not about nutrition.
Thelma P, Manuella A, Paulina B (2008) Nutritional support for coeliac disease: Recommendations and difficulties. CME Journal Gastroenterology, Hepatology and Nutrition.9 (2) (pp 56-59), 2008.Date of Publication: 2008. 56-9.	Not available from the British library.
Villanueva J, Maranda L, Nwosu BU (2012) Is vitamin D deficiency a feature of pediatric celiac disease? Journal of Pediatric Endocrinology 25: 607-10.	Didn't include patients with refractory coeliac disease.
Woodward J (2011) Coeliac disease. Medicine.39 (3) (pp 173-177), 2011.Date of Publication: March 2011. 173-7.	Doesn't include patients with refractory Coeliac disease in relation to nutrition.
Woodward J (2013) The management of refractory coeliac disease. Therapeutic Advances in Chronic Disease 4: 77-90.	Review article.

G.11 Review question 6.4

Excluded studies	Reason for exclusion
Abdallah H, Leffler D, Dennis M et al. (2007) Refractory celiac disease. [Review] [45 refs]. Current Gastroenterology Reports 9: 401-5.	Not a primary study
Al-Toma A, Verbeek WH, Mulder CJ (2007) Update on the management of refractory coeliac disease. [Review] [32 refs]. Journal of Gastrointestinal & Liver Diseases 16: 57-63.	Not a primary study
Al-Toma A, Mulder CJ (2007) Review article: Stem cell transplantation for the treatment of gastrointestinal diseases--current applications and future perspectives. [Review] [107 refs]. Alimentary Pharmacology & Therapeutics 26: Suppl-89.	Not a primary study
Al-Toma A, Verbeek WH, Mulder CJ (2007) The management of complicated celiac disease. Digestive Diseases 25: 230-6.	Not a primary study
Al-Toma A, Verbeek WH, Visser OJ et al. (2007) Disappointing outcome of autologous stem cell transplantation for enteropathy-associated T-cell lymphoma. Digestive & Liver Disease 39: 634-41.	Not a primary study

Excluded studies	Reason for exclusion
Ciccocioppo R, Bernardo ME, Russo ML et al. (2013) Allogeneic hematopoietic stem cell transplantation may restore gluten tolerance in patients with celiac disease. Journal of Pediatric Gastroenterology & Nutrition 56: 422-7.	Inappropriate population (primary condition: beta-thalassemia)
Daum S, Cellier C, Mulder CJ (2005) Refractory coeliac disease. [Review] [54 refs]. Best Practice & Research in Clinical Gastroenterology 19: 413-24.	Not a primary study
Iacob R, Sirbu-Boeti P, Iacob S et al. (2009) Stem cells therapies for gastrointestinal and liver diseases. [Review] [76 refs]. Chirurgia (Bucuresti) 104: 131-40.	Not a primary study
Kline RM, Neudorf SM, Baron HI (2007) Correction of celiac disease after allogeneic hematopoietic stem cell transplantation for acute myelogenous leukemia. Pediatrics 120: e1120-e1122.	Inappropriate population (patients with diagnosed acute myelogenous leukemia)
Lopez JT, Georgiev HT, Garcia-Arranz M et al. (2011) Stem cell therapy for digestive tract diseases: Current state and future perspectives. Stem Cells and Development.20 (7) (pp 1113-1129), 2011.Date of Publication: 01 Jul 2011. 1113-29.	Not a primary study
Malamut G, Meresse B, Cellier C et al. (2012) Refractory celiac disease: From bench to bedside. Seminars in Immunopathology.34 (4) (pp 601-613), 2012.Date of Publication: July 2012. 601-13.	Not a primary study
Meijer JW, Mulder CJ, Goerres MG et al. (2004) Coeliac disease and (extra)intestinal T-cell lymphomas: definition, diagnosis and treatment. [Review] [45 refs]. Scandinavian Journal of Gastroenterology - Supplement : 78-84.	Not a primary study
Mulder CJ, Wahab PJ, Moshaver B et al. (2000) Refractory coeliac disease: a window between coeliac disease and enteropathy associated T cell lymphoma. [Review] [39 refs]. Scandinavian Journal of Gastroenterology - Supplement : 32-7.	Not a primary study
Ryan BM, Kelleher D (2000) Refractory celiac disease. [Review] [91 refs]. Gastroenterology 119: 243-51.	Not a primary study
Sieniawski M, Angamuthu N, Boyd K et al. (2010) Evaluation of enteropathy-associated T-cell lymphoma comparing standard therapies with a novel regimen including autologous stem cell transplantation.[Erratum appears in Blood. 2011 Feb 10;117(6):2077]. Blood 115: 3664-70.	Inappropriate population (patients with diagnosed T-cell lymphoma)
Sieniawski M, Angamuthu N, Boyd K (2011) Evaluation of enteropathy-associated T-cell lymphoma comparing standard therapies with	Inappropriate population (patients with diagnosed T-cell lymphoma)

Excluded studies	Reason for exclusion
a novel regimen including autologous stem cell transplantation (Blood (2010) 115, 18 (3664-3670)). Blood.117 (6) (pp 2077), 2011.Date of Publication: 10 Feb 2011.	
Sollid LM, Khosla C (2011) Novel therapies for coeliac disease. [Review]. Journal of Internal Medicine 269: 604-13.	Not a primary study
Stewart AJ, Southcott BM (2002) Coeliac disease following high-dose chemotherapy. Clinical Oncology (Royal College of Radiologists) 14: 494-6.	Not a primary study
Verbeek WHM, Schreurs MWJ, Visser OJ et al. (2008) Novel approaches in the management of refractory celiac disease. Expert Review of Clinical Immunology.4 (2) (pp 205-219), 2008.Date of Publication: March 2008. 205-19.	Not a primary study
Woodward J (2013) The management of refractory coeliac disease. Therapeutic Advances in Chronic Disease 4: 77-90.	Not a primary study

G.12 Review questions 7.1 & 7.2

Excluded studies	Reason for exclusion
Del-Colle MM (2010) Social support, treatment adherence, and health related quality of life in people living with celiac disease and Irritable Bowel Syndrome. *Dissertation Abstracts International Section A: Humanities and Social Sciences* 71 (5-A):	University dissertation: no primary data
Gainer CL. (2011) Celiac disease: helping patients live gluten-free. *The Nurse practitioner* 36 (9): 14-20.	Narrative review
Hopman EGD, le Cessie S., von Blomberg B.M. et al. (2006) Nutritional management of the gluten-free diet in young people with celiac disease in The Netherlands. *Journal of pediatric gastroenterology and nutrition* 43 (1): 102-108.	Examines nutritional intake while on GFD: not primary outcome of interest for this question
Jackson PT, Glasgow J.F., and Thom R. (1985) Parents' understanding of coeliac disease and diet. *Archives of disease in childhood* 60 (7): 672-674.	Examines rates of compliance - not outcome of interest for this review
Jesson J, Pocock R., Jepson M. et al. (1994) Consumer readership and views on pharmacy health education literature: A market research survey. *Journal of Social and Administrative*	Market research survey

Excluded studies	Reason for exclusion
Pharmacy 11 (1): 29-36.	
Jones R, Hunt C., Stevens R. et al. (2009) Management of common gastrointestinal disorders: quality criteria based on patients' views and practice guidelines. *The British journal of general practice : the journal of the Royal College of General Practitioners* 59 (563): e199-e208.	Patient population not exclusively coeliac disease
Leggio L, Abenavoli L., Gasbarrini G. et al. (2005) Psychological support counseling: a new strategy to increase gluten-free diet compliance in celiac patients. *The American journal of gastroenterology* 100 (6): 1424-1425.	Leter to the editor
MacCulloch K,Rashid M. (2014) Factors affecting adherence to a gluten-free diet in children with celiac disease. *Paediatrics & Child Health* 19 (6): 305-309	Study did not directly report on outcome of strategies to impove adherence to the GFD
Nordyke K, Rosen A., Emmelin M. et al. (2014) Internalizing the threat of risk--a qualitative study about adolescents' experience living with screening-detected celiac disease 5 years after diagnosis. *Health & Quality of Life Outcomes* 12: 91.	Study did not diretly report on strategies to improve adherence to the GFD
Render C,Daniels S. (2011) 2011 Canadian association of gastroenterology educational needs assessment report. *Canadian Journal of Gastroenterology* 25 (5): 244-246.	Paper reports on education needs for CD patients about the disease and comorbidies; not strategies to improve adherence
Render C. (2012) 2012 Canadian Association of Gastroenterology educational needs assessment report. *Canadian Journal of Gastroenterology* 26 (8): 512-514.	Paper reports on education needs for CD patients about the disease and comorbidies; not strategies to improve adherence
Rostom A,Daniels S. (2010) 2010 Canadian association of gastroenterology educational needs assessment report. *Canadian Journal of Gastroenterology* 24 (12): 697-699.	Paper reports on education needs for CD patients about the disease and comorbidies; not strategies to improve adherence
Samasca G, Iancu M., Pop T. et al. (2011) Importance of the educational environment in the evolution of celiac disease. *Laboratory*	Reports on education attainment of people with CD; not CD-specific educational needs

Excluded studies	Reason for exclusion
Medicine 42 (8): 497-501.	
Shah S, Akbari M., Vanga R. et al. (2014) Patient perception of treatment burden is high in celiac disease compared with other common conditions. *American Journal of Gastroenterology* 109 (9): 1304-1311.	Population not exclusively people with CD
Skerritt JH,Hill A.S. (1991) Self-management of dietary compliance in coeliac disease by means of ELISA "home test" to detect gluten. *Lancet* 337 (8738): 379-382.	Reports on self-test kits; these are not covered within scope of this guideline
Skjerning H, Mahony R.O., Husby S. et al. (2014) Health-related quality of life in children and adolescents with celiac disease: patient-driven data from focus group interviews. *Quality of Life Research* 23 (6): 1883-1894.	Study did not diretly report on strategies to improve adherence to the GFD
Usta M,Urganci N. (2014) Does gluten-Free diet protect children with celiac disease from low bone density? *Iranian Journal of Pediatrics.24 (4) (pp 429-434), 2014.Date of Publication: 2014.* (4): 429-434.	Study did not report on any primary outcome of interst and focused on relationship between GFD and bone mineral density

G.13 Review question 7.3

Excluded studies	Reason for exclusion
Anon (2002) Oats safe for coeliac disease patients. Pharmaceutical Journal 268: 200.	Not a primary study
Allibone EC (1946) The Treatment of Coeliac Disease with Vitamin B Complex and Liver Extract. Proceedings of the Royal Society of Medicine 39: 700-2.	Case series
Annibale B, Severi C, Chistolini A et al. (2001) Efficacy of gluten-free diet alone on recovery from iron deficiency anemia in adult celiac patients. American Journal of Gastroenterology 96: 132-7.	Case series
Arentz-Hansen H, Fleckenstein B, Molberg O et al. (2004) The molecular basis for oat intolerance in patients with celiac disease. PLoS Medicine / Public Library of Science 1: e1.	Case series
Autodore J, Jatla M (2009) Nutritional complications of celiac disease. Practical Gastroenterology 33: 34.	Not a primary study
Barera G, Beccio S, Proverbio MC et al. (2004) Longitudinal changes in bone metabolism and bone mineral content in children with celiac disease during consumption of a gluten-free diet. American Journal of Clinical Nutrition 79:	Not an intervention study.

Excluded studies	Reason for exclusion
148-54.	
Bergamaschi G, Markopoulos K, Albertini R et al. (2008) Anemia of chronic disease and defective erythropoietin production in patients with celiac disease. Haematologica 93: 1785-91.	Case series
BLATTNER RJ (1963) Folic acid deficiency in children with celiac disease. Journal of Pediatrics 63: 344-6.	Not a primary study
Blazina S, Bratanic N, Campa AS et al. (2010) Bone mineral density and importance of strict gluten-free diet in children and adolescents with celiac disease. Bone 47: 598-603.	Not an intervention study.
Bosseckert H (2012) Celiac disease, gluten free diet, and oats. Verdauungskrankheiten 30: 134-6.	Non-English
Butzner JD (2011) Pure oats and the gluten-free diet: are they safe? Jpen: Journal of Parenteral & Enteral Nutrition 35: 447-8.	Not a primary study
Caruso R, Pallone F, Stasi E et al. (2013) Appropriate nutrient supplementation in celiac disease. Annals of Medicine 45: 522-31.	Systematic review on prevalence studies
Chartrand LJ, Russo PA, Duhaime AG et al. (1997) Wheat starch intolerance in patients with celiac disease. Journal of the American Dietetic Association 97: 612-8.	Not relevant
Ciclitira PJ, Ellis HJ, Lundin KE (2005) Gluten-free diet--what is toxic?. [Review] [75 refs]. Best Practice & Research in Clinical Gastroenterology 19: 359-71.	Not a primary study
Clarke, M., Ward, M.et al.(2013) B-vitamins and bone health among coeliac disease patients. Annals of Nutrition & Metabolism. 1210-1211	Abstract only. Insufficient data.
Collins BJ, Bell PM, Thomson JM et al. (1986) Dietary history and nutritional state in treated coeliac patients. Journal of the Royal Society of Medicine 79: 206-9.	Case series, on prevalence only
Comino I, Real A, de LL et al. (2011) Diversity in oat potential immunogenicity: basis for the selection of oat varieties with no toxicity in coeliac disease. Gut 60: 915-22.	Case series
Cooper SE, Kennedy NP, Mohamed BM et al. (2013) Immunological indicators of coeliac disease activity are not altered by long-term oats challenge. Clinical & Experimental Immunology 171: 313-8.	Case series
Corazza GR, Di SA, Cecchetti L et al. (1996) Influence of pattern of clinical presentation and of gluten-free diet on bone mass and metabolism in adult coeliac disease. Bone 18: 525-30.	Case series, on prevalence only
Dahele A, Ghosh S (2001) Vitamin B12	Case series, on prevalence only

Excluded studies	Reason for exclusion
deficiency in untreated celiac disease. American Journal of Gastroenterology 96: 745-50.	
Davies-Shaw, J., Marcon, M. A.et al.(2014). A randomized controlled trial to evaluate the efficacy and safety of a gluten-free diet in patients with asymptomatic celiac disease and type 1 diabetes. Celiac disease and diabetes-dietary intervention and evaluation trial. Pediatric Diabetes. 114-(CD-DIET)	Abstract only. Insuficient information.
Dickey W, Ward M, Whittle CR et al. (2008) Homocysteine and related B-vitamin status in coeliac disease: Effects of gluten exclusion and histological recovery. Scandinavian Journal of Gastroenterology 43: 682-8.	Not an intervention study.
DIEZ RF, HERNANDEZ MF, MEYER LM (1952) The oral use of combined vitamin B12 and folic acid in tropical sprue. Annals of Internal Medicine 36: 1076-85.	Case report
DIEZ RF, SUAREZ RM, HERNANDEZ MF et al. (1952) The oral administration of vitamin B12 in tropical sprue. Annals of Internal Medicine 36: 2-91.	Case series
Dissanayake AS, Truelove SC, Whitehead R (1974) Lack of harmful effect of oats on small-intestinal mucosa in coeliac disease. British Medical Journal 4: 189-91.	Case series
Duerksen DR, Ali M, Leslie WD (2012) Dramatic effect of vitamin D supplementation and a gluten-free diet on bone mineral density in a patient with celiac disease. Journal of Clinical Densitometry 15: 120-3.	Case report
Ellis HJ, Ciclitira PJ (2008) Should coeliac sufferers be allowed their oats?. [Review] [8 refs]. European Journal of Gastroenterology & Hepatology 20: 492-3.	Not a primary study
Fric P, Gabrovska D, Nevoral J (2011) Celiac disease, gluten-free diet, and oats. [Review]. Nutrition Reviews 69: 107-15.	Not a primary study
Garcia-Manzanares A, Lucendo AJ (2011) Nutritional and dietary aspects of celiac disease. [Review]. Nutrition in Clinical Practice 26: 163-73.	Not a primary study
Garsed K, Scott BB (2007) Can oats be taken in a gluten-free diet? A systematic review. [Review] [32 refs]. Scandinavian Journal of Gastroenterology 42: 171-8.	Systematic review that does not meet inclusion criteria, but used as cross reference.
Guttormsen V, Lovik A, Bye A et al. (2008) No induction of anti-avenin IgA by oats in adult, diet-treated coeliac disease. Scandinavian Journal of Gastroenterology 43: 161-5.	Survey questionnaire study
Haboubi NY, Taylor S, Jones S (2006) Coeliac disease and oats: a systematic review. [Review] [35 refs]. Postgraduate Medical	Systematic review that does not meet inclusion criteria, but used as cross reference.

Excluded studies	Reason for exclusion
Journal 82: 672-8.	
Hadithi M, Mulder CJ, Stam F et al. (2009) Effect of B vitamin supplementation on plasma homocysteine levels in celiac disease. World Journal of Gastroenterology 15: 955-60.	Cohort with healthy people as comparative control group.
Hallert C, Grant C, Grehn S et al. (2002) Evidence of poor vitamin status in coeliac patients on a gluten-free diet for 10 years. Alimentary Pharmacology & Therapeutics 16: 1333-9.	Case series
HAY JD (1948) Folic acid in coeliac disease; a study of its administration in 22 cases. Archives of Disease in Childhood 23: 220-4.	Case series
Hoffenberg EJ, Haas J, Drescher A et al. (2000) A trial of oats in children with newly diagnosed celiac disease. Journal of Pediatrics 137: 361-6.	Case series
Holm K, Maki M, Vuolteenaho N et al. (2006) Oats in the treatment of childhood coeliac disease: a 2-year controlled trial and a long-term clinical follow-up study. Alimentary Pharmacology & Therapeutics 23: 1463-72.	Inappropriate comparator, endpoint data non-comparative.
Hopman EG, le CS, von Blomberg BM et al. (2006) Nutritional management of the gluten-free diet in young people with celiac disease in The Netherlands. Journal of Pediatric Gastroenterology & Nutrition 43: 102-8.	Survey questionnaire study
Kaukinen K, Collin P, Huhtala H et al. (2013) Long-term consumption of oats in adult celiac disease patients. Nutrients 5: 4380-9.	Case-control
Koskinen O, Villanen M, Korponay-Szabo I et al. (2009) Oats do not induce systemic or mucosal autoantibody response in children with coeliac disease. Journal of Pediatric Gastroenterology & Nutrition 48: 559-65.	Inappropriate comparator, endpoint data non-comparative.
Kosnai I, Kuitunen P, Siimes MA (1979) Iron deficiency in children with coeliac disease on treatment with gluten-free diet. Role of intestinal blood loss. Archives of Disease in Childhood 54: 375-8.	Case series
Kumar, M., Rastogi, A.et al. (2013). Effect of zoledronic acid on bone mineral density in patients of celiac disease: A prospective, randomized, pilot study. Indian Journal of Medical Research. 882-887	Zoledronic acid is not an intervention of interst specified within the review protocol
Lerner A, Shapira Y, Agmon-Levin N et al. (2012) The clinical significance of 25OH-Vitamin D status in celiac disease. Clinical Reviews in Allergy & Immunology 42: 322-30.	Not an intervention study
Lucendo AJ, Garcia-Manzanares A (2013) Bone mineral density in adult Coeliac disease: An updated review. Revista Espanola de Enfermedades Digestivas 105: 154-62.	Not an intervention study
Lundin KE, Nilsen EM, Scott HG et al. (2003)	Case series

Excluded studies	Reason for exclusion
Oats induced villous atrophy in coeliac disease. Gut 52: 1649-52.	
Mager DR, Qiao J, Turner J (2012) Vitamin D and K status influences bone mineral density and bone accrual in children and adolescents with celiac disease. European Journal of Clinical Nutrition 66: 488-95.	Not an intervention study
Maglio M, Mazzarella G, Barone MV et al. (2011) Immunogenicity of two oat varieties, in relation to their safety for celiac patients. Scandinavian Journal of Gastroenterology 46: 1194-205.	Case series
Molteni N, Bardella MT, Vezzoli G et al. (1995) Intestinal calcium absorption as shown by stable strontium test in celiac disease before and after gluten-free diet. American Journal of Gastroenterology 90: 2025-8.	Case series
Muzzo S, Burrows R, Burgueo M et al. (2000) Effect of calcium and vitamin D supplementation on bone mineral density of celiac children. Nutrition Research 20: 1241-7.	Case series with indirect healthy people as control
Pazianas M, Butcher GP, Subhani JM et al. (2005) Calcium absorption and bone mineral density in celiacs after long term treatment with gluten-free diet and adequate calcium intake. Osteoporosis International 16: 56-63.	Not an intervention study.
Peraaho M, Collin P, Kaukinen K et al. (2004) Oats can diversify a gluten-free diet in celiac disease and dermatitis herpetiformis. Journal of the American Dietetic Association 104: 1148-50.	Survey questionnaire study
Pulido OM, Gillespie Z, Zarkadas M et al. (2009) Introduction of oats in the diet of individuals with celiac disease: a systematic review. [Review] [117 refs]. Advances in Food & Nutrition Research 57: 235-85.	Systematic review that does not meet inclusion criteria, but used as cross reference.
Rea F, Polito C, Iovene A et al. (1998) Effect of gluten-free diet on bone mineral metabolism of celiac children. Nutrition Research 18: 1661-6.	Case series
Richman E (2012) The safety of oats in the dietary treatment of coeliac disease. [Review]. Proceedings of the Nutrition Society 71: 534-7.	Not a primary study
Sategna-Guidetti C, Grosso SB, Grosso S et al. (2000) The effects of 1-year gluten withdrawal on bone mass, bone metabolism and nutritional status in newly-diagnosed adult coeliac disease patients. Alimentary Pharmacology & Therapeutics 14: 35-43.	Case series, on prevalence only
Sey MS, Parfitt J, Gregor J (2011) Prospective study of clinical and histological safety of pure and uncontaminated Canadian oats in the management of celiac disease. Jpen: Journal of Parenteral & Enteral Nutrition 35: 459-64.	Case series
Shiner M (1996) Erratum: Oats in celiac disease (New England Journal of Medicine	Erratum only

Excluded studies	Reason for exclusion
(March 28, 1996) 334 (865-866)). New England Journal of Medicine 334: 1415.	
Sjoberg, V., Hollen, E.et al. (2014). Noncontaminated dietary oats may hamper normalization of the intestinal immune status in childhood celiac disease. Clinical and Translational Gastroenterology.e 58 -61.	Does not report on pre-specified outcomes of interest in the protocol
Srinivasan U, Jones E, Carolan J et al. (2006) Immunohistochemical analysis of coeliac mucosa following ingestion of oats. Clinical & Experimental Immunology 144: 197-203.	Case series
Storsrud S, Hulthen LR, Lenner RA (2003) Beneficial effects of oats in the gluten-free diet of adults with special reference to nutrient status, symptoms and subjective experiences. British Journal of Nutrition 90: 101-7.	Case series
Storsrud S, Olsson M, Arvidsson LR et al. (2003) Adult coeliac patients do tolerate large amounts of oats. European Journal of Clinical Nutrition 57: 163-9.	Case series
Szymczak J, Bohdanowicz-Pawlak A, Waszczuk E et al. (2012) Low bone mineral density in adult patients with coeliac disease. Endokrynologia Polska 63: 270-6.	Cohort with healthy people as comparative control group.
Tjellstrom, B., Stenhammar, L.et al. (2014). The effects of oats on the function of gut microflora in children with coeliac disease. Alimentary Pharmacology & Therapeutics, 1156-1160	Does not report on pre-specified outcomes of interest in the protocol
Thompson T (1997) Do oats belong in a gluten-free diet?. [Review] [24 refs]. Journal of the American Dietetic Association 97: 1413-6.	Not a primary study
Thompson T (2000) Folate, iron, and dietary fiber contents of the gluten-free diet. Journal of the American Dietetic Association 100: 1389-96.	Not relevant, about manufacturing process
Wierdsma NJ, van Bokhorst-de van der Schueren MA, Berkenpas M et al. (2013) Vitamin and mineral deficiencies are highly prevalent in newly diagnosed celiac disease patients. Nutrients 5: 3975-92.	Not an intervention study.