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APPENDIX 1: SCOPE FOR THE DEVELOPMENT OF THE CLINICAL GUIDELINE

NATIONAL INSTITUTE FOR HEALTH AND CLINICAL EXCELLENCE
SCOPE

1 GUIDELINE TITLE

Social anxiety disorder: recognition, assessment and treatment of social anxiety disorder

1.1 SHORT TITLE

Social anxiety disorder

2 THE REMIT

The Department of Health has asked NICE: 'to produce a clinical guideline on the diagnosis and treatment of social phobia (social anxiety disorder)'.

3 CLINICAL NEED FOR THE GUIDELINE

3.1 EPIDEMIOLOGY

a) Social anxiety disorder is one of the most common anxiety disorders. Estimates of lifetime prevalence vary but have been as high as 12%, compared with estimates for other anxiety disorders of around 6% for generalised anxiety disorder, 5% for panic disorder, 7% for post-traumatic stress disorder (PTSD) and 2% for obsessive-compulsive disorder.
b) There is a significant degree of comorbidity between social anxiety disorder and other psychiatric disorders. Social anxiety disorder often occurs alongside depression (19%), substance use disorder (17%), generalised anxiety disorder (5%), panic disorder (6%), and PTSD (3%).
c) Social anxiety disorder is common in both men and women, but tends to have a higher prevalence in women. Black and minority ethnic groups have a higher incidence of common mental health disorders but may be under represented in treatment services.
d) People with social anxiety disorder may use alcohol or other drugs to try to reduce their anxiety and alleviate depression. This can lead to substance abuse. A significant proportion of service users attending mental health

services for conditions including anxiety disorders, such as panic disorder or social anxiety disorder, attend as a result of alcohol or benzodiazepine misuse.

e) Social anxiety disorder has an early median age of onset (13 years) and is the most persistent of the anxiety disorders. Despite the extent of suffering and impairment only about half of those with the disorder ever seek treatment, and those that do generally seek treatment only after 15–20 years of symptoms.
f) Social anxiety disorder may have a great impact on a person's functioning, disrupt normal life, interfere with their social relationships and quality of life, and impair performance at work or school.

3.2 CURRENT PRACTICE

a) Recognition of social anxiety disorder in adults, children and young people by GPs is often poor. The problem of under recognition for anxiety disorders in general has recently been highlighted by evidence that the prevalence of PTSD is under recognised in primary care. In part this may stem from GPs not recognising the disorder, and the lack of clearly defined care pathways. But from a patient's perspective, stigma and avoidance may also contribute to under recognition. Pessimism about possible treatment outcomes on the part of clinicians and those with anxiety disorders may further contribute to this, despite the existence of effective treatments.
b) The early age of onset means that recognition of social anxiety disorder in educational settings is also an issue. Social anxiety disorder is associated with poor school performance, bullying and leaving school early. Teachers and other educational professionals may have limited knowledge of how to recognise and oversee the management of this disorder.
c) In primary care many service users are misdiagnosed as suffering from depression only. For many people depressive symptoms are present, but they may have developed as a consequence of having a social anxiety disorder. Misdiagnosis may also occur in secondary care if an adequate history has not been taken.
d) No national clinical guidelines are currently available for the treatment of social anxiety disorder, although the British Association for Psychopharmacology produced guidance on psychological and pharmacological interventions in 2005. Effective psychological and pharmacological interventions for social anxiety disorder exist but may not be accessed because of poor recognition, inadequate assessment, and limited awareness or availability of treatments.

4 THE GUIDELINE

The guideline development process is described in detail on the NICE website (see section 6, 'Further information').

This scope defines what the guideline will (and will not) examine, and what the guideline developers will consider. The scope is based on the referral from the Department of Health.

The areas that will be addressed by the guideline are described in the following sections.

4.1 POPULATION

4.1.1 GROUPS THAT WILL BE COVERED

a) Adults (aged 18 and older) with social anxiety disorder.
b) Children and young people (from school age to 17 years) with social anxiety disorder.
c) Consideration will be given to the particular needs of black and minority ethnic groups (with possible poor access and uptake of treatments).
d) Consideration will be given to the particular needs of people with the following subclassifications of social anxiety disorder:
    - generalised social anxiety (for example, those whose fears relate to a wide range of situations, such as meeting new people, talking to authority figures, eating or drinking in public, working while being observed, small groups, parties, and performance situations); a subset of these people also meet diagnostic criteria for avoidant personality disorder.
    - performance social anxiety (for example, those whose fears are largely restricted to performance situations such as public speaking, music, acting and dance performances).
    - selective mutism arising as a consequence of a social anxiety disorder.

4.1.2 GROUPS THAT WILL NOT BE COVERED

a) Children from birth up to school age.
b) Children and adults with:
    - autism spectrum conditions (this will be covered in the autism spectrum conditions guidelines – see section 5.2).
    - body dysmorphic disorder (this is covered in the obsessive-compulsive disorder guideline – see section 5.1).

4.2 HEALTHCARE SETTING

a) Care provided by primary, community and secondary healthcare professionals who have direct contact with, and make decisions concerning, the care of children, young people and adults with social anxiety disorder.
b) Improving access to psychological therapies (IAPT) services.
c) Educational and other settings where healthcare or related interventions may be delivered.

4.3 CLINICAL MANAGEMENT

4.3.1 KEY CLINICAL ISSUES THAT WILL BE COVERED

a) Impediments to access for diagnosis and treatment.
b) Identification and recognition of social anxiety disorder.
c) Content and structure of an assessment.
d) Psychological interventions (for example, individual and group cognitive behaviour therapy [CBT], facilitated and non-facilitated self help, computerised cognitive behaviour therapy, social skills training, exposure therapy, anxiety management, interpersonal psychotherapy and psychodynamic psychotherapy).
e) Pharmacological interventions (for example, selective seratonin reuptake inhibitors [SSRIs], monoamine oxidase inhibitors [MAOIs], reversible MAOIs, tricyclics, other antidepressants, beta-blockers and benzodiazepines). Note that guideline recommendations will normally fall within licensed indications; exceptionally, and only if clearly supported by evidence, use outside a licensed indication may be recommended. The guideline will assume that prescribers will use a drug's summary of product characteristics to inform decisions made with individual patients.
f) Combined pharmacological and psychological interventions (including the use of cognitive enhancers).
g) Family based/ parenting interventions (for example, the FRIENDS programme, which is a family-based group CBT intervention involving cognitive restructuring for parents and assistance in building social support).
h) Modifying treatment to take account of comorbid conditions.
i) Surgical interventions (for example, surgery for facial blushing and treatment of hyperhidrosis with botulinum toxin A).
j) Pathways into and through care.
k) Monitoring of clinical and other outcomes.

4.3.2 CLINICAL ISSUES THAT WILL NOT BE COVERED

a) Treatment of comorbid conditions (however, see 4.3.1 h).
b) Interventions aimed at the primary prevention of social anxiety disorders in children and young people in educational and social care settings.

4.4 MAIN OUTCOMES

a) Accuracy of recognition tools (considering sensitivity, specificity, positive predictive value, negative predictive value and area under the curve).
b) Percentage of people receiving appropriate treatment.
c) Symptom improvement (short and long term).
d) Educational, occupational and social performance/ functioning.
e) Health economic outcomes (for example, quality-adjusted life year [QALY]).
f) Health related quality of life.
g) Treatment acceptability.

4.5 ECONOMIC ASPECTS

Developers will take into account both clinical and cost effectiveness when making recommendations involving a choice between alternative interventions. A review of the economic evidence will be conducted and analyses will be carried out as appropriate. The preferred unit of effectiveness is the quality-adjusted life year (QALY), and the costs considered will usually be only from an NHS and personal social services (PSS) perspective. Further detail on the methods can be found in 'The guidelines manual' (see 'Further information').

4.6 STATUS

4.6.1 SCOPE

This is the final scope.

4.6.2 TIMING

The development of the guideline recommendations will begin in July 2011.

5 Related NICE guidance

5.1 PUBLISHED GUIDANCE

5.1.1 NICE GUIDANCE TO BE UPDATED

This guideline will update the section of the following NICE guidance that deals with phobia, subject to stakeholder agreement following a technology appraisal review proposal:

- Computerised cognitive behaviour therapy for depression and anxiety (review). NICE technology appraisal guidance 97 (2006). Available from www.nice.org.uk/guidance/TA97

5.1.2 Other related NICE guidance

- Common mental health disorders. NICE clinical guideline 123 (2011). Available from www.nice.org.uk/guidance/CG123
- Alcohol dependence and harmful alcohol use. NICE clinical guideline 115 (2011). Available from www.nice.org.uk/guidance/CG115
- Anxiety. NICE clinical guideline 113 (2011). Available from www.nice.org.uk/guidance/CG113
- Looked-after children and young people. NICE public health guidance 28 (2010). Available from www.nice.org.uk/guidance/PH28
- Depression in adults (update). NICE clinical guideline 90 (2009). Available from www.nice.org.uk/guidance/CG90
- Social and emotional wellbeing in secondary education. NICE public health guidance 20 (2009). Available from www.nice.org.uk/guidance/PH20
- Social and emotional wellbeing in primary education. NICE public health guidance 12 (2008). Available from www.nice.org.uk/guidance/PH12
- Obsessive compulsive disorder and body dysmorphic disorder. NICE clinical guideline 31 (2005). Available from www.nice.org.uk/CG31
- Depression in children and young people. NICE clinical guideline 28 (2005). Available from www.nice.org.uk/guidance/CG28
- Post-traumatic stress disorder. NICE clinical guideline 26 (2005). Available from www.nice.org.uk/guidance/CG26

5.2 GUIDANCE UNDER DEVELOPMENT

NICE is currently developing the following related guidance (details available from the NICE website):

- Autism spectrum disorders in children and young people. NICE clinical guideline. Publication expected September 2011.
- Service user experience in adult mental health. NICE clinical guideline and quality standard. Publication expected October 2011.

- Autism spectrum conditions in adults. NICE clinical guideline. Publication expected June 2012.
- Management of autism in children and young people. NICE clinical guideline. Publication TBC.

6 FURTHER INFORMATION

Information on the guideline development process is provided in:

- 'How NICE clinical guidelines are developed: an overview for stakeholders the public and the NHS'
- 'The guidelines manual'.

These are available from the NICE website (www.nice.org.uk/GuidelinesManual). Information on the progress of the guideline will also be available from the NICE website (www.nice.org.uk).

APPENDIX 2: DECLARATIONS OF INTERESTS BY GUIDELINE DEVELOPMENT GROUP MEMBERS

With a range of practical experience relevant to social anxiety disorder in the GDG, members were appointed because of their understanding and expertise in healthcare for people with social anxiety disorder and support for their families/carers, including: scientific issues; health research; the delivery and receipt of healthcare, along with the work of the healthcare industry; and the role of professional organisations and organisations for people with social anxiety disorder and their families/carers.

To minimise and manage any potential conflicts of interest, and to avoid any public concern that commercial or other financial interests have affected the work of the GDG and influenced guidance, members of the GDG must declare as a matter of public record any interests held by themselves or their families which fall under specified categories (see below). These categories include any relationships they have with the healthcare industries, professional organisations and organisations for people with social anxiety disorder and their families/carers.

Individuals invited to join the GDG were asked to declare their interests before being appointed. To allow the management of any potential conflicts of interest that might arise during the development of the guideline, GDG members were also asked to declare their interests at each GDG meeting throughout the guideline development process. The interests of all the members of the GDG are listed below, including interests declared prior to appointment and during the guideline development process.

Categories of interest to be written in third person

Paid employment

Personal pecuniary interest: financial payments or other benefits from either the manufacturer or the owner of the product or service under consideration in this guideline, or the industry or sector from which the product or service comes. This includes holding a directorship or other paid position; carrying out consultancy or fee paid work; having shareholdings or other beneficial interests; receiving expenses and hospitality over and above what would be reasonably expected to attend meetings and conferences.

Personal family interest: financial payments or other benefits from the healthcare industry that were received by a member of your family.

Non-personal pecuniary interest: financial payments or other benefits received by the GDG member's organisation or department, but where the GDG member has not personally received payment, including fellowships and other support provided by the healthcare industry. This includes a grant or fellowship or other payment to sponsor a post, or contribute to the running costs of the department; commissioning of research or other work; contracts with, or grants from, NICE.

Personal non-pecuniary interest: these include, but are not limited to, clear opinions or public statements you have made about individuals with social anxiety disorder, holding office in a professional organisation or advocacy group with a direct interest in social anxiety disorder, other reputational risks relevant to social anxiety disorder.

Guideline Development Group – declarations of interest	
Professor David Clark (Chair)	
Employment	Professor of Experimental Psychology, University of Oxford
Personal pecuniary interest	National Clinical Advisor to the Department of Health's Increasing Access to Psychological Therapies (IAPT) Programme.
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Non-personal non-pecuniary interest	Co-applicant of grant from South London & Maudsley NHS Foundation Trust and Kings College London NIHR Biomedical Research Centre in Mental Health. £25 million. Joint holder of Wellcome Trust Programme Grant entitled "Cognitive Processes in the maintenance and treatment of social phobia and posttraumatic stress disorder". £2,599,970.
Action taken	Recommendations relating to individual CBT for adults were discussed by the GDG on 4th October 2012. It was decided that it was not appropriate for Dr David Clark to be present and he left the room for this discussion. All members of the GDG were asked if they felt this approach was acceptable and all agreed.
Dr Safi Afghan	
Employment	Consultant Psychiatrist, Dorothy Pattison Hospital, Dudley and Walsall Mental Health Partnership NHS Trust
Personal pecuniary interest	Conducted speaker sessions and received fee from Lundbeck Ltd and Astra Zeneca. I am also intending to carryout speaker sessions for Pfizer on the topic of Generalised Anxiety Disorder in the next 12 months.
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Non-personal non-pecuniary interest	None
Action taken	None
Mr Peter Armstrong	
Employment	Director of Training, Newcastle Cognitive & Behavioural Therapies Centre, Northumberland, Tyne & Wear NHS Foundation Trust
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	My employment is within an NHS service that provides CBT treatment, supervision, consultancy and education in relation to Social Anxiety.
Personal non-pecuniary interest	I am a member of BABCP & was a board member some years ago. As a CBT practitioner & teacher, my approach to

	understanding and treating Social Anxiety is largely framed within cognitive-behavioural terms
Action taken	None
Dr Sam Cartwright-Hatton	
Employment	Clinical Psychologist, NIHR Career Development Fellow, University of Sussex.
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	I have published academic papers on the use / applicability of CBT for social anxiety in children. Principle Investigator for *'A new parenting-based group intervention for young anxious children: randomised trial'*
Action taken	Recommendations relating to group based interventions for children and young people were discussed by the GDG on 5th October 2012. It was decided that it was not appropriate for Dr Sam Cartwright to be present and she left the room for this discussion. All members of the GDG were asked if they felt this approach was acceptable and all agreed.
Dr Cathy Creswell	
Employment	Principal Research Fellow, School of Psychology & Clinical Language Sciences, University of Reading Hon Consultant Clinical Psychologist, Berkshire Child Anxiety Clinic, Berkshire Healthcare NHS Foundation Trust
Personal pecuniary interest	Co-author of book '*Overcoming your child's fears and worries: A self-help guide using cognitive behavioural techniques*'
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	Named Supervisor for the '*Overcoming your child's fears and worries: a randomised controlled trial of guided self-help for childhood anxiety disorders'* trial (ISRCTN92977593).
Action taken	Recommendations relating to guided self-help for children and young people were discussed by the GDG on 5th October 2012. It was decided that it was not appropriate for Dr Cathy Creswell to be present and she left the room for this discussion. All members of the GDG were asked if they felt this approach was acceptable and all agreed.
Dr Melanie Dix	
Employment	Consultant Child and Adolescent Psychiatrist, Cumbria Partnership Foundation Trust
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action taken	None
Mr Nick Hanlon	
Employment	Representing service user and carer concerns Member of Social Anxiety West
Personal pecuniary interest	None

Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action taken	None
Dr Madeleine Hutson	
Employment	General Practioner, Department of Primary Care and Population Health, University College London
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action taken	None
Dr Andrea Malizia	
Employment	Consultant Psuchiatrist and Clinical Psychopharmacologist, North Bristol NHS Trust and Clinical Partners UK
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	I occasionally give talks for pharmaceutical industry, mostly at regional level. The fees for these talks are put in a university account where they support PhD students research, small expenditure on pilot research projects and conference attendance for members of the team. There are potential projects that may be funded by industry over the next year. None of the above are in the field of social anxiety disorder or with companies that have a current licence or to my knowledge are currently planning to apply for a licence in social anxiety disorders.
Personal non-pecuniary interest	I am a member of the British Association for Psychopharmacology and of the Royal College of Psychiatrists- both organisations have a professional interest in the recognition and management of social anxiety disorder.
Action taken	None
Dr Jane Roberts	
Employment	Clinical Senior Lecturer in General Practice, University of Sunderland and GP
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action taken	None
Mr Gareth Stephens	
Employment	Representing service user and carer concerns
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action taken	None
Dr Lusia Stopa	

Employment	Director of CBT programmes/Senior Lecturer in Clinical Psychology, Academic Unit of Psychology, University of Southampton
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action taken	None
Professor Steve Pilling (Facilitator)	
Employment	Director, NCCMH
Personal pecuniary interest	Grant holder for £1.44 million per year (approx) from NICE for guidelines work. Work with NICE International. Undertake some research into mental health, and the mental health workforce for DH, Royal College of Psychiatrists and the academy of medical royal colleges.
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action taken	None
Dr Evan Mayo-Wilson	
Employment	Senior Systematic Reviewer, NCCMH
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Dr Ifigeneia Mavranezouli	
Employment	Senior Health Economist, NCCMH
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action Taken	None
Ms Sarah Stockton	
Employment	Senior Information Scientist, NCCMH
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action Taken	None
Ms Kayleigh Kew	
Employment	Research Assistant, NCCMH
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action Taken	None
Mrs Kate Satrettin	
Employment	Project Manager (until September 2012)
Personal pecuniary interest	None

Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action Taken	None
Ms Katherine Leggett	
Employment	Senior Project Manager (from September 2012)
Personal pecuniary interest	None
Personal family interest	None
Non-personal pecuniary interest	None
Personal non-pecuniary interest	None
Action Taken	None

APPENDIX 3: SPECIAL ADVISORS TO THE GUIDELINE DEVELOPMENT GROUP

Professor Tony Ades (PhD)
Professor of Public Health Science
University of Bristol

Dr Sofia Dias (PhD)
Research Fellow (Statistician)
University of Bristol

APPENDIX 4: STAKEHOLDERS AND EXPERTS WHO SUBMITTED COMMENTS IN RESPONSE TO THE CONSULTATION DRAFT OF THE GUIDELINE

Stakeholders

To be inserted post consultation

Experts

To be inserted post consultation

APPENDIX 5: RESEARCHERS CONTACTED TO REQUEST FURTHER DATA

Dr A. G. Angelosante
Abbott UK
Dr Abramowitz
Dr Adam Guastella
Dr Adler
Dr Anton van Balkom
Dr Ariel Stravynski
Dr Atul C. Pande
Barr Taylor
Dr Benedetto Vitiello
Professor Boris A. Birmaher
Dr Botella
Dr Brett McDermot
Professor Carlos Blanco
Dr Carrie Masia-Warner
Dr Charles T. Taylor
Professor Chris V. Hayward
Professor Christer Allgulander
Professor Courtney Beard
Dr D Kosycki
Dr D. B. Oosterbaan
Dafna Merom
Dr Dan J. Stein
Dr Daniel F. K. Wong
Dr Daniel S. Pine
Dr Daniela Zippin B. Knijnik
Professor David Baldwin
Dr David H. J. Erickson
Dr David J. K. Katzelnick
Dr Deborah Beidel
Deborah Edwards
Dr Deborah Roth Ledley
Dr Debra A. Hope
Dr Denise H. M. Bodden
Professor Derek Johnston
Dr Dina R. Hirshfeld-Becker
Dr Dogaheh
Dr Douglas Feltner

Professor Edna B. Foa
Eli Lilly
Professor Eliane Albuisson
Dr Elisabeth Utens
Dr Erik Hedman
Professor F. Verhulst
Dr Falk Leichsenring
Dr Finn-Magnus H. Borge
Dr François S. Borgeat
Professor Franklin R. G. Schneier
Dr G. A. Bernstein
Dr Gavin D. Andrews
Gavin Lyndon
Dr Genevieve Robillard
Professor Gerhard Andersson
Dr Ghosh
GlaxoSmithKline
Professor Hans M. Nordahl
Dr Heather M. R. Gallagher
Dr Heidi Lyneham
Hoffman-La Roche
Professor Isaac M. Marks
Professor Isabelle Jalenques
Dr J. C. V. De Groot
Dr J.R. Walker
Dr Jacob Piet
Dr James Herbert
James Parnham
Jamie Longwell
Dr Ján Praško
Dr Jasper A. J. Smits
Dr Jazaieri
Dr Jean Cottraux
Jennie Hudson
Dr Jerry Bruns
Dr John H. Greist
Dr John S. E. March
Dr Johnson Li
Professor Jonathan Davidson
Dr Juliette. M. Liber
Dr Karen Dineen-Wagner
Dr Karin Gruber
Dr Karl M. Rickels

Dr Katharina Manassis
Dr Kathryn M. Connor
Dr Kenneth A. Kobak
Dr Lau
Laura Fischer
Mr Lee Ruggiero
Dr Lipsitz
Lissette Saavedra
Lundbeck
Dr Lynn Alden
Dr M. A. Van Ameringen
Dr M. K. Atmaca
Professor M. Katherine B. Shear
Professor Malcolm S. Lader
Dr Malhi
Dr Marcio N. Versiani
Professor Marko Munjiza
Dr Matthew Price
Meda
Dr Michaek W. Otto
Dr Michael. R. Liebowitz
Dr Michelle G. Newman
Dr Michelle G. S. Craske
Miriam Valentine
Dr Moritz N. Muehlbacher
Dr Mulkens
Professor Murray B. Stein
Dr N. Amir
Professor Naomi M. Simon
Dr Neil J. Kitchiner
Dr Nikolai Titov
Dr P. Goldin
Dr P. Phongsavan
Dr Page Anderson
Dr Paul M.G. Emmelkamp
Dr Paula M. Barrett
Dr Peter M. McEvoy
Dr Peter Roy-Byrn
Professor Peter Tyrer
Pfizer
Professor Philip Kendall
Professor Philip Treffers
Dr Phyllis Shaw

Dr Renner
Professor Richard G. Heimberg
Dr Richard P. Mattick
Risa Weisberg
Professor Ron Rapee
Dr Russell Noyes Jr.
Dr Salaberria
Dr Sandeep A. Vaishnavi
Dr Sara I. Schutters
Dr Sarah W. T. Book
Dr Satoshi T. Asakura
Dr Schmidt
Dr Schneider
Severine Arthaud
Dr Siebke Melfsen
Professor Siegfried Kasper
Dr Soraya Seedat
Professor Stefan Hofmann
Dr Steve Watt
Dr Steve Watt
Dr Steven Taylor
Dr Stuart A. Montgomery
Professor Susan G. Baer
Professor Susan Hilary Spence
Dr Terry Kit-fong Au
Dr Thomas Berger
Dr Tomas Furmark
Dr U. B. Lepola
Dr Uli H. Stangier
Dr W. C. Zhang
Walton Roth
Dr Wendy K. Silverman
Dr Wike Seekles

APPENDIX 6: SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL STUDIES

Each search was constructed using the groups of terms set out in Text Box 1. The full set of search terms is documented in sections 1 to 4.3.1. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the GDG.

Text Box 1: Summary of systematic search strategies: Search strategy construction

Summary of systematic search strategies for clinical evidence					
Section 1					
Review area/s	**Search type**	**Search construction**	**Study design searched**	**Databases searched**	**Date range searched**
All review areas/RQs [RQ1.1,2.1,2.2,3.1,3.2]	Generic, evidence mapped to all review areas	Core/topic specific databases – generic search: [(population terms) AND (SR/RCT filter)] Grey literature databases – generic search: (population search terms only)	SR, RCT	Core databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: AEI*, AMED* ASSIA*, BEI*, CDSR*, CENTRAL*, CINAHL*, DARE*, ERIC*, HTA*, IBSS*, Sociological Abstracts, SSA*, SSCI* Grey literature databases: HMIC*, PsycBOOKS, PsycEXTRA	SR: 1997 to October 2012 RCT: inception to October 2012
Evidence resulting from generic searches mapped to all review areas					

RQ,4.1	Focused	Core/topic specific databases – focused: [(specific phobias) AND (CCBT terms) AND (RCT filter)]		Core databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: CENTRAL*, IBSS*, Sociological Abstracts, SSA*, SSCI*	RCT: 2004 to January 2012
Notes: *Updates NICE Technology Appraisal on CCBT*					
Section 2					
Review area/s	**Search type**	**Search construction**	**Study design searched**	**Databases searched**	**Date range searched**
Access [RQ1.1,1.2]	Focused, supplements evidence retrieved from generic searches (detailed in Section 1)	Core databases/ CINAHL: [(population terms) AND (qualitative SR filter)] OR [(population terms) AND (service user experience terms/qualitative terms)] Topic specific databases, other: [(population terms) AND (qualitative SR filter)]	Qualitative systematic reviews / qualitative studies/survey literature	Core databases: Embase, Medline, PreMedline, PsycINFO Topic specific database: CINAHL Topic specific databases, other: AEI*, ASSIA*, BEI*, CINAHL*, ERIC*, IBSS*, Sociological Abstracts, SSA*	2010 to October 2012
Notes: *(i) Supplements evidence captured by searches set out in Section 1*					

(ii) Updates evidence from the Service user experience in adult mental health guidance (CG136)

Section 3

Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
Case identification [RQ2.1,2.2]	Focused, supplements evidence retrieved from generic searches (detailed in Section 1)	Core databases – focused search: [(population terms) AND (case identification terms) AND (diagnostic accuracy terms) AND (observational study design filter)]	Observational studies	Core databases: Embase, Medline, PreMedline, PsycINFO	Inception to October 2012

Notes: Supplements evidence captured by searches set out in Section 1

* AEI (Australian Education Index), AMED (Allied and Complementary Medicine Database), ASSIA (Applied Social Services Index and Abstracts), BEI (British Education Index), CDSR (Cochrane Database of Systematic Reviews), CENTRAL [COCHRANE database of RCTs and other controlled trials), CINAHL, (Cumulative Index to Nursing and Allied Health Literature), DARE (Database of Abstracts of Reviews and Effectiveness), ERIC (Education Resources in Curriculum), HMIC (Health Management Information Consortium), HTA (Health Technology Assessment database), IBSS (International Bibliography of Social Science), SSA (Social Services Abstracts), SSCI (Social Sciencies Citation Index – Web of Science)

For adults with specific phobias, what are the relative benefits and harms of CCBT? RQ4.1

SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL EVIDENCE

Population search terms – all databases

1 Social anxiety disorder

1.1 Social anxiey disorder – Mainstream medical databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	avoidant personality disorder/ or hyperhidrosis/ or mutism/ or social phobia/
2	1 use emez
3	blushing/ or exp hyperhidrosis/ or mutism/ or phobic disorders/ or shyness/
4	3 use mesz, prem
5	avoidant personality disorder/ or elective mutism/ or social anxiety/ or social phobia/ or sweating/ or timidity/
6	5 use psyh
7	(((anxiet$ or anxious$ or phobia$ or phobic$) adj2 (performance or social$)) or socioanxi$ or sociophobi$ or ((blush$ or sweat$ or trembl$) adj3 (anxiet$ or anxious$ or chronic$ or excessiv$ or fear$ or severe)) or ((interpersonal or inter personal or social$ or socio$) adj2 (aversion$ or aversiv$ or confiden$ or difficult$ or disorder$ or distress$ or fear$)) or hyperhydrosis or hyperperspirat$ or (hyper adj (hydrosis or perspirat$)) or ((mute$ or mutism) adj2 (elective$ or selective$)) or ((negative evaluation or speak$) adj3 (anxiet$ or anxious$ or distress$ or fear$)) or paruresis or (((personalit$ or phobi$ or social$ or socio$) adj2 avoid$) or avoidant disorder) or (phobi$ adj2 neuros$) or phobic disorder$ or (school$ adj2 (anxiet$ or anxious$ or phobi$ or refuse or refusal)) or (shy or shyness) or specific phobia$).ti,ab.
8	or/2,4,6-7

1.2 Social anxiey disorder - topic specific databases

Allied and Complementary Medicine (AMED) – OVID SP

1	hyperhidrosis/ or mutism/ or phobic disorders/
2	(((anxiet$ or anxious$ or phobia$ or phobic$) adj2 (performance or social$)) or socioanxi$ or sociophobi$ or ((blush$ or sweat$ or trembl$) adj3 (anxiet$ or anxious$ or chronic$ or excessiv$ or fear$)) or ((interpersonal or inter personal or social$ or socio$) adj2 (aversion$ or aversiv$ or confiden$ or difficult$ or disorder$ or distress$ or fear$)) or hyperhydrosis or hyperperspirat$ or (hyper adj (hydrosis or perspirat$)) or ((mute$ or mutism) adj2 (elective$ or selective$)) or ((negative evaluation or speak$) adj3 (anxiet$ or anxious$ or distress$ or fear$)) or paruresis or public anxiety or (((personalit$ or phobi$ or social$ or socio$) adj2 avoid$) or avoidant disorder) or (phobi$ adj2 neuros$) or phobic disorder$ or (school$ adj2 (anxiet$ or anxious$ or phobi$ or refuse or refusal)) or (shy or shyness) or specific phobia$).ti,ab.
3	or/1-2

1.3 Social anxiey disorder - topic specific databases

Applied Social Sciences Index and Abstracts (ASSIA), Australian Education Index (AEI), British Education Index (BEI), Education Resources in Curriculum

(ERIC), Social Services Abstracts (SSA), Sociological Abstracts, Applied Social Sciences Index and Abstracts (ASSIA), International Bibliography of Social Sciences (IBSS) - ProQUEST

s1	all (((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder") or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*")

1.4 Social anxiey disorder - topic specific databases

CINAHL – EBSCO HOST

s3	s1 or s2
s2	ti ((((anxiet* or anxious* or phobia* or phobic*) n2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) n3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or inter personal or social* or socio*) n2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper n1 (hydrosis or perspirat*))) or ((mute* or mutism) n2 (elective* or selective*)) or (("negative evaluation" or speak*) n3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) n2 avoid*) or "avoidant disorder") or (phobi* n2 neuros*) or phobic disorder* or (school* n2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*")) or ab ((((anxiet* or anxious* or phobia* or phobic*) n2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) n3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) n2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper n1 (hydrosis or perspirat*))) or ((mute* or mutism) n2 (elective* or selective*)) or (("negative evaluation" or speak*) n3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) n2 avoid*) or "avoidant disorder") or (phobi* n2 neuros*) or phobic disorder* or (school* n2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*")) or ab ((((anxiet* or anxious* or phobia* or phobic*) n2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) n3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or inter personal or social* or socio*) n2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper n1 (hydrosis or perspirat*))) or ((mute* or mutism) n2 (elective* or selective*)) or (("negative evaluation" or speak*) n3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) n2 avoid*) or "avoidant disorder") or (phobi* n2 neuros*) or phobic disorder* or (school* n2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*")) or ab ((((anxiet* or anxious* or phobia* or phobic*) n2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) n3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) n2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper n1 (hydrosis or

	perspirat*))) or ((mute* or mutism) n2 (elective* or selective*)) or ((“negative evaluation” or speak*) n3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) n2 avoid*) or “avoidant disorder”) or (phobi* n2 neuros*) or phobic disorder* or (school* n2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or “specific phobia*”))
s1	(mh "avoidant personality disorder") or (mh "hyperhidrosis") or (mh "mutism") or (mh "phobic disorders") or (mh "shyness") or (mh "social anxiety disorders") or (mh "sweating")

1.5 Social anxiey disorder - topic specific databases

HTA, CDSR, DARE, CENTRAL – Wiley

id	search
#1	mesh descriptor phobic disorders, this term only
#2	mesh descriptor hyperhidrosis explode all trees
#3	mesh descriptor mutism, this term only
#4	mesh descriptor blushing, this term only
#5	mesh descriptor shyness, this term only
#6	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":ti
#7	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":ab
#8	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":kw
#9	(#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8)

1.6 Social anxiey disorder - topic specific databases

SSCI – Web of Knowledge

#1	title=((((anxiet* or anxious* or phobia* or phobic*) and (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) and (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or inter personal or social* or socio*) and

	(aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper and (hydrosis or perspirat*)) or ((chroni* or excessiv*) and sweat*) or ((mute* or mutism) and (elective* or selective*)) or ((negative evaluation or speak*) and (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) and avoid*) or (avoidant and disorder) or (phobi* and neuros*) or phobic disorder* or public anxiety or (school* and (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or specific phobia*)) timespan=all years

1.7 Social anxiey disorder - grey literature databases

Health Management Information Consortium (HMIC), PsycBOOKS, PsycEXTRA – OVID SP

1	(((anxiet$ or anxious$ or phobia$ or phobic$) adj2 (performance or social$)) or socioanxi$ or sociophobi$ or ((blush$ or sweat$ or trembl$) adj3 (anxiet$ or anxious$ or chronic$ or excessiv$ or fear$ or severe)) or ((interpersonal or inter personal or social$ or socio$) adj2 (aversion$ or aversiv$ or confiden$ or difficult$ or disorder$ or distress$ or fear$)) or hyperhydrosis or hyperperspirat$ or (hyper adj (hydrosis or perspirat$)) or ((mute$ or mutism) adj2 (elective$ or selective$)) or ((negative evaluation or speak$) adj3 (anxiet$ or anxious$ or distress$ or fear$)) or paruresis or (((personalit$ or phobi$ or social$ or socio$) adj2 avoid$) or avoidant disorder) or (phobi$ adj2 neuros$) or phobic disorder$ or (school$ adj2 (anxiet$ or anxious$ or phobi$ or refuse or refusal)) or (shy or shyness) or specific phobia$).ti,ab.

2 Specific phobias

2.1 Specific phobias – Mainstream medical databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	avoidant personality disorder/ or hyperhidrosis/ or mutism/ or exp phobia/
2	1 use emez
3	agoraphobia/ or blushing/ or exp hyperhidrosis/ or mutism/ or phobic disorders/ or shyness/
4	3 use mesz, prem
5	avoidant personality disorder/ or exp phobias/ or social anxiety/ or sweating/ or timidity/
6	5 use psyh
7	(((anxiet$ or anthropophobi$ or anxious$ or phobia$ or phobic$) adj2 (performance or social$)) or socioanxi$ or sociophobi$ or ((blush$ or sweat$ or trembl$) adj3 (anxiet$ or anxious$ or chronic$ or excessiv$ or fear$)) or ((interpersonal or inter personal or social$ or socio$) adj2 (aversion$ or aversiv$ or confiden$ or difficult$ or disorder$ or distress$ or fear$)) or (hyperhydrosis or hyperperspirat$ or (hyper adj (hydrosis or perspirat$)) or ((chroni$ or excessiv$) adj2 sweat$)) or ((mute$ or mutism) adj2 (elective$ or selective$)) or ((negative evaluation or speak$) adj3 (anxiet$ or anxious$ or distress$ or fear$)) or paruresis or (((personalit$ or phobi$ or social$ or socio$) adj2 avoid$) or avoidant disorder) or (phobi$ adj2 neuros$) or phobic disorder$ or (school$ adj2 (anxiet$ or anxious$ or phobi$ or refuse or refusal)) or (shy or shyness) or specific phobia$).ti,ab.
8	(acrophob$ or agoraphob$ or claustrophob$ or emetophob$ or homophob$ or kinesiophob$ or lesbophob$ or neophob$ or neurophob$ or phobi$ or transphob$ or trypanophob$ or xenophob$ or ((acute$ or chronic$ or extreme$ or intense$ or irrational$ or persistent$ or serious) adj2 fear$) or (fear$ adj4 (air travel or animal$ or blood$ or buses or ((closed or public) adj2 space$) or crowd$ or dark$ or dental$ or dentist$ or dog$1 or dying or falls or falling or fly or flying or height$ or hypochondriacal or injection$ or injur$ or laughed or leaving home or lightening or movement$ or needle$ or night$ or panic$ or plane$ or reinjure$ or school$ or snake$ or space$ or spider$ or test$ or thunder$ or train$ or travel$ or water)) or specific fear$).ti,ab. or (fear$ and (air travel or animal$ or blood$ or crowd$ or dark$ or dental$ or dentist$ or dog$1 or dying or falls or falling or fly or flying or height$ or hypochondriacal or injection$ or injur$ or laughed or movement$ or needle$ or night$ or reinjure$ or school$ or snake$ or spider$ or test$ or water)).hw. or fear$.ti.
9	or/2,4,6-8

2.2 Specific phobias - topic specific databases

CENTRAL – Wiley

#1	mesh descriptor **agoraphobia**, this term only	
#2	mesh descriptor **blushing**, this term only	
#3	mesh descriptor **hyperhidrosis**, this term only	
#4	mesh descriptor **mutism**, this term only	
#5	mesh descriptor **phobic disorders**, this term only	
#6	mesh descriptor **shyness**, this term only	
#7	(((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or	

	socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((chroni* or excessiv*) near/2 sweat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or ((“negative evaluation” or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) near/2 avoid*) or “avoidant disorder”) or (phobi* near/2 neuros*) or “phobic disorder*” or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or “specific phobia*”):ti or (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or “inter personal” or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((chroni* or excessiv*) near/2 sweat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or ((“negative evaluation” or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) near/2 avoid*) or “avoidant disorder”) or (phobi* near/2 neuros*) or “phobic disorder*” or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or “specific phobia*”):ab	
#8	(fear* and (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or " leaving home " or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)):kw	
#9	(fear*):ti	
#10	(acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) near/2 fear*) or (fear* near/4 (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or " leaving home " or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or " specific fear* "):ti or (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) near/2 fear*) or (fear* near/4 (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or " leaving home " or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or " specific fear* "):ab	
#11	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10	

2.3 Specific phobias - topic specific databases

CINAHL – EBSCO HOST

s10	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9

S9	ti fear*
S8	mw (fear* and ("air travel" or animal* or blood* or buses or ((closed or public) and space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water))
S7	ti ((acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) and fear*) or (fear* and ("air travel" or animal* or blood* or buses or ((closed or public) and space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or "specific fear*")) or ab ((acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) and fear*) or (fear* and ("air travel" or animal* or blood* or buses or ((closed or public) and space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or "specific fear*"))
s6	ti ((((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) n2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) n3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) n2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper and (hydrosis or perspirat*)) or ((chroni* or excessiv*) n2 sweat*)) or ((mute* or mutism) and (elective* or selective*)) or ((negative evaluation or speak*) n2 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) n2 avoid*) or avoidant disorder) or (phobi* and neuros*) or phobic disorder* or (school* n2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or specific phobia*)) or ab ((((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) n2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) n3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) n2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper and (hydrosis or perspirat*)) or ((chroni* or excessiv*) n2 sweat*)) or ((mute* or mutism) and (elective* or selective*)) or ((negative evaluation or speak*) n2 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) n2 avoid*) or avoidant disorder) or (phobi* and neuros*) or phobic disorder* or (school* n2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or specific phobia*))
s5	(mh "shyness")
s4	(mh "phobic disorders+")
s3	(mh "mutism")
s2	(mh "hyperhidrosis+")
s1	(mh "agoraphobia")

2.4 Specific phobias - topic specific databases

Social Services Abstracts (SSA), Sociological Abstracts, International Bibliography of Social Sciences (IBSS) – ProQUEST

(ti((agoraphobi* or anxiet* or anxious* or phobi*)) or ab((agoraphobi* or anxiet* or anxious* or phobi*)) or su((agoraphobi* or anxiet* or anxious* or phobi*)))

2.5 Specific phobias - topic specific databases

Social Sciences Citation Index (SSCI)

ti=(agoraphobi* or anxiet* or anxious* or phobi*)

3. Question specific search strategies - all databases

3.1 CCBT for specific phobias

RQ4.1 For adults with specific phobias, what are the relative benefits and harms of CCBT?

3.1.1 Embase, Medline, PreMedline, PsycINFO – OVID SP

1	exp psychotherapy/
2	1 use emez
3	exp psychotherapy/
4	3 use mesz, prem
5	exp psychotherapy/ or exp cognitive techniques/
6	5 use psyh
7	(((cognit$ or behavio?r$ or metacognit$) adj5 (analy$ or interven$ or modif$ or program$ or psychoanaly$ or psychotherap$ or restructur$ or retrain$ or technique$ or therap$ or train$ or treat$)) or (behav$ and cognit$ and (analy$ or interven$ or modif$ or program$ or psychoanaly$ or psychotherap$ or restructur$ or retrain$ or technique$ or therap$ or train$ or treat$)) or behavio?r$ activat$ or cbt or ((rational$ adj3 emotiv$) or ((rational or ret) adj (living or psychotherap$ or therap$)) or rebt or (active directive adj (psychotherap$ or therap$)))).ti,ab.
8	or/2,4,6-7
9	self care/ or self care agency/ or self help/ or self medication/ or social network/
10	9 use emez
11	self administration/ or self care/ or self-help groups/ or self medication/
12	11 use mesz, prem
13	self care skills/ or exp self help techniques/or exp social networks/
14	13 use psyh
15	((self adj (administer$ or assess$ or care or change or directed or help$ or guide$ or instruct$ or manag$ or monitor$ or regulat$ or reinforc$ or re inforc$ or technique$ or therap$ or treat$)) or selfhelp$ or smart recover$ or (minimal adj (contact or guidance)) or helpseek$ or (help$ adj2 seek$) or (mutual adj (help or aid or support$))).ti,ab.
16	or/10,12,14-15
17	bibliotherapy/
18	17 use mesz, prem

19	bibliotherapy/
20	19 use psyh
21	(bibliotherap$ or biblio therap$ or manual or ((book$1 or booklet$ or brochure$ or leaflet$ or material$ or pamphlet$ or poster$ or read$1 or reading or workbook$ or written) adj5 (approach$ or assist$ or coach$ or club$ or class$ or educat$ or instruct$ or interven$ or learn$ or module$ or program$ or psychoanaly$ or psychotherap$ or rehab$ or strateg$ or support$ or teach$ or therap$ or train$ or treat$ or workshop$ or work shop$)) or ((read$1 or reading) adj4 (book$1 or booklet$ or brochure$ or leaflet$ or material$ or pamphlet$ or poster$ or read$1 or reading))).ti,ab.
22	or/18,20-21
23	or/8,16,22
24	exp "exp automation, computers and data processing"/ or exp computer/ or telemedicine/ or telephone$.sh. or teletherapy/ or telepsychiatry/
25	24 use emez
26	computer aided design/ or computer communication networks/ or computer literacy/ or computer systems/ or computer user training/ or computer-assisted instruction/ or exp computers/ or exp decision making, computer assisted/ or exp internet/ or medical informatics computing/ or multimedia/ or exp software/ or telemedicine/ or exp telephone/
27	26 use mesz, prem
28	exp computer applications/ or computer mediated communication/ or computer literacy/ or exp computer software/ or computer training/ or exp computers/ or human computer interaction/ or internet/ or multimedia/ or telemedicine/ or exp telephone systems/ or telephone$.sh. or ((computer$ and (cognitiv$ or psychotherap$)) or computer program$ or (beating adj2 blues)).id.
29	28 use psyh
30	(cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or portal$1 or telephone$ or virtual or web$ or www).ti,ab.
31	interactive voice response.ti,ab.
32	23 and (or/25,27,29-31)
33	computer assisted therapy/
34	33 use emez
35	therapy, computer assisted/
36	35 use mesz, prem
37	computer assisted therapy/ or online therapy/
38	37 use psyh
39	(e communication$ or ecommunication$ or e consult$ or econsult$ or e visit$ or evisit$ or e therap$ or etherap$ or telehealth or tele health or tele medicine or telemedicine or teletherap$ or tele therap$).ti,ab.
40	((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj5 (advocacy or approach$ or coach$ or discussion or educat$ or exchang$ or guide$1 or help$ or instruct$ or interact$ or interven$ or learn$ or manag$ or meeting$ or module$ or program$ or psychoanaly$ or psychotherap$ or rehab$ or retrain$ or re train$ or skill$ or strateg$ or support$ or teach$ or technique$ or therap$ or train$ or treat$ or work shop$ or workshop$)).ti,ab.
41	((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or information or interactiv$ or internet or mobile device$ or multimedia or multi media or

	online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj2 (assist$ or based or driven)).ti,ab.
42	((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj5 (aid or aided or appointment$ or booking$ or communicat$ or consult$ or deliver$ or feedback or forum or guided or input$ or letter$ or referral$ or remind$ or send$ or transfer$ or transmi$ or visit$)).ti,ab.
43	((client$ or consumer$ or inpatient$ or outpatient$ or patient$ or health or information or web or internet) adj3 portal$).ti,ab.
44	((client$ or consumer$ or inpatient$ or outpatient$ or patient$) adj5 (cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www)).ti,ab.
45	((((anxiet$ or anthropophobi$ or anxious$ or phobia$ or phobic$) adj2 (performance or social$)) or socioanxi$ or sociophobi$ or ((blush$ or sweat$ or trembl$) adj3 (anxiet$ or anxious$ or chronic$ or excessiv$ or fear$)) or ((interpersonal or inter personal or social$ or socio$) adj2 (aversion$ or aversiv$ or confiden$ or difficult$ or disorder$ or distress$ or fear$)) or (hyperhydrosis or hyperperspirat$ or (hyper adj (hydrosis or perspirat$)) or ((chroni$ or excessiv$) adj2 sweat$)) or ((mute$ or mutism) adj2 (elective$ or selective$)) or ((negative evaluation or speak$) adj3 (anxiet$ or anxious$ or distress$ or fear$)) or paruresis or (((personalit$ or phobi$ or social$ or socio$) adj2 avoid$) or avoidant disorder) or (phobi$ adj2 neuros$) or phobic disorder$ or (school$ adj2 (anxiet$ or anxious$ or phobi$ or refuse or refusal)) or (shy or shyness) or specific phobia$) adj3 (package$ or program$)).ti,ab.
46	((acrophob$ or agoraphob$ or claustrophob$ or emetophob$ or homophob$ or kinesiophob$ or lesbophob$ or neophob$ or neurophob$ or phobi$ or transphob$ or trypanophob$ or xenophob$ or ((acute or chronic$ or extreme$ or intense or irrational$ or persistent$ or serious) adj2 fear$) or (fear$ adj4 (air travel or animal$ or blood$ or buses or ((closed or public) adj2 space$) or crowd$ or dark$ or dental$ or dentist$ or dog$1 or dying or falls or falling or fly or flying or height$ or hypochondriacal or injection$ or injur$ or laughed or leaving home or lightening or movement$ or needle$ or night$ or panic$ or plane$ or reinjure$ or school$ or snake$ or space$ or spider$ or test$ or thunder$ or train$ or travel$ or water)) or specific fear$).ti,ab. or (fear$ and (air travel or animal$ or blood$ or crowd$ or dark$ or dental$ or dentist$ or dog$1 or dying or falls or falling or fly or flying or height$ or hypochondriacal or injection$ or injur$ or laughed or movement$ or needle$ or night$ or reinjure$ or school$ or snake$ or spider$ or test$ or water)).hw. or fear$.ti.) adj3 (package$ or program$).ti,ab.
47	(btstep$ or bt step$ or ocfighter or oc fighter or caccbt or ccbt or c cbt or glasgow steps or (living life adj2 full) or netcope or net cope or overcoming depression or panic online or positivestep or positive step).ti,ab.
48	or/34,36,38-47
48	or/32,48
50	48 or ((beating adj2 blues) or (fearfighter or fear fighter or ffeducation or ff education or standaloneff or standalone ff or internetff or internet ff or nettff or nett ff) or (moodgym or mood gym) or (overcoming anxiety or (overcoming panic adj2 agoraphobia) or (overcoming social anxiety adj1 shyness)) or (restoring adj2 balance)).ti,ab.

3.1.2 Topic specific databases

CINAHL – EBSCO HOST

S33	S31 or s32
S32	ti ((beating and blues) or (fearfighter or “fear fighter” or ffeducation or “ff education” or standaloneff or “standalone ff” or internetff or “internet ff” or nettff or “nett ff”) or (moodgym or “mood gym”) or (“overcoming anxiety” or (“overcoming panic” and agoraphobia) or (“overcoming social anxiety” and shyness)) or (restoring and balance)) or ab ((beating and blues) or (fearfighter or “fear fighter” or ffeducation or “ff education” or standaloneff or “standalone ff” or internetff or “internet ff” or nettff or “nett ff”) or (moodgym or “mood gym”) or (“overcoming anxiety” or (“overcoming panic” and agoraphobia) or (“overcoming social anxiety” and shyness)) or (restoring and balance))
S31	(s18 or s30)
S30	S19 or s20 or s21 or s22 or s23 or s24 or s25 or s26 or s27 or s28 or s29
S29	ab ((btstep* or "bt step*" or ocfighter or "oc fighter" or (caccbt or ccbt or "c cbt") or "glasgow steps" or ("living life" n2 full) or (netcope or "net cope") or "overcoming depression" or "panic online" or positivestep or "positive step"))
S28	ti ((btstep* or "bt step*" or ocfighter or "oc fighter" or (caccbt or ccbt or "c cbt") or "glasgow steps" or ("living life" n2 full) or (netcope or "net cope") or "overcoming depression" or "panic online" or positivestep or "positive step"))
S27	ti ((acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) and fear*) or (fear* and (air travel or animal* or blood* or buses or ((closed or public) and space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or " specific fear*") and (package or program*)) or ab ((acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) and fear*) or (fear* and (“air travel” or animal* or blood* or buses or ((closed or public) and space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or " specific fear*") and (package or program*))
S26	ti (((((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) and (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) and (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) and (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper and (hydrosis or perspirat*)) or ((chroni* or excessiv*) and sweat*)) or ((mute* or mutism) and (elective* or selective*)) or (("negative evaluation" or speak*) and (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) and avoid*) or "avoidant disorder") or (phobi* and neuros*) or "phobic disorder*" or (school* and (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*") and (package* or program*))) or ab (((((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) and (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) and (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) and (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper and (hydrosis or perspirat*)) or

	((chroni* or excessiv*) and sweat*)) or ((mute* or mutism) and (elective* or selective*)) or (("negative evaluation" or speak*) and (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) and avoid*) or "avoidant disorder") or (phobi* and neuros*) or "phobic disorder*" or (school* and (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*") and (package* or program*)))
S25	ti (((client* or consumer* or inpatient* or outpatient* or patient*) and (cd or cds or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or multimedia or "mobile device*" or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www))) or ab (((client* or consumer* or inpatient* or outpatient* or patient*) and (cd or cds or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www)))
S24	ti (((client* or consumer* or inpatient* or outpatient* or patient* or health or information or web or internet) and portal*)) or ab (((client* or consumer* or inpatient* or outpatient* or patient* or health or information or web or internet) and portal*))
S23	ti (((cd or cds or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) and (aid or aided or appointment* or booking* or communicat* or consult* or deliver* or feedback or forum or guided or input* or letter* or referral* or remind* or send* or transfer* or transmi* or visit*))) or ab (((cd or cds or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) and (aid or aided or appointment* or booking* or communicat* or consult* or deliver* or feedback or forum or guided or input* or letter* or referral* or remind* or send* or transfer* or transmi* or visit*)))
S22	ti (((cd or cds or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or information or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) and (assist* or based or driven))) or ab (((cd or cds or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or information or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) and (assist* or based or driven)))
S21	ti (((cd or cds or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) and (advocacy or approach* or coach* or discussion or educat* or exchang* or guide* or help* or instruct* or interact* or interven* or learn* or manag* or meeting* or module* or program* or psychoanaly* or psychotherap* or rehab* or retrain* or "re train*" or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or "work shop*" or workshop*))) or ab (((cd or cds or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) and (advocacy or approach* or coach* or discussion or educat* or exchang* or guide* or help* or instruct* or interact* or interven* or learn* or manag* or meeting* or module* or program* or psychoanaly* or psychotherap* or rehab* or retrain* or "re train*" or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or work shop* or workshop*)))
S20	ti (("e communication*" or ecommunication* or "e consult*" or econsult* or "e visit*" or evisit* or "e therap*" or etherap* or telehealth or "tele health" or "tele medicine" or telemedicine or teletherap* or "tele therap*")) or ab (("e communication*" or

	ecommunication* or "e consult*" or econsult* or "e visit*" or evisit* or "e therap*" or etherap* or telehealth or "tele health" or "tele medicine" or telemedicine or teletherap* or "tele therap*"))
S19	(mh "therapy, computer assisted")
S18	S9 and s17
S17	S10 or s11 or s12 or s13 or s14 or s15 or s16
S16	ti "interactive voice response" or ab "interactive voice response"
S15	ti ((cd or cds or " cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media" or online or pc* or phone* or portal* or telephone* or virtual or web* or www)) or ab ((cd or cds or " cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media" or online or pc* or phone* or portal* or telephone* or virtual or web* or www))
S14	(mh "telephone")
S13	(mh "telemedicine") or (mh "remote consultation")
S12	(mh "multimedia")
S11	(mh "internet")
S10	(mh "computers and computerization+")
S9	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8
S8	ti ((bibliotherap* or "biblio therap*" or manual or ((book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading or workbook* or written) and (approach* or assist* or coach* or club* or class* or educat* or instruct* or interven* or learn* or module* or program* or psychoanaly* or psychotherap* or rehab* or strateg* or support* or teach* or therap* or train* or treat* or workshop* or work shop*)) or ((read* or reading) and (book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading)))) or ab ((bibliotherap* or "biblio therap*" or manual or ((book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading or workbook* or written) and (approach* or assist* or coach* or club* or class* or educat* or instruct* or interven* or learn* or module* or program* or psychoanaly* or psychotherap* or rehab* or strateg* or support* or teach* or therap* or train* or treat* or workshop* or "work shop*")) or ((read* or reading) and (book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading))))
S7	(mh "bibliotherapy (iowa nic)")
S6	(mh "bibliotherapy")
S5	ti (((self and (administer* or assess* or care or change or directed or help* or guide* or instruct* or manag* or monitor* or regulat* or reinforc* or " re inforc*" or technique* or therap* or treat*)) or selfhelp* or " smart recover*" or (minimal and (contact or guidance)) or helpseek* or (help* and seek*) or (mutual and (help or aid or support*)))) or ab (((self and (administer* or assess* or care or change or directed or help* or guide* or instruct* or manag* or monitor* or regulat* or reinforc* or " re inforc*" or technique* or therap* or treat*)) or selfhelp* or " smart recover*" or (minimal and (contact or guidance)) or helpseek* or (help* and seek*) or (mutual and (help or aid or support*))))
S4	(mh "self care")
S3	(mh "self administration")
S2	ti ((((cognit* or behavio?r* or metacognit*) and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or (behav* and cognit* and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or behavio?r* activat* or cbt or ((rational* and emotiv*) or ((rational or ret) and

	(living or psychotherap* or therap*)) or rebt or (" active directive" and (psychotherap* or therap*))))) or ab ((((cognit* or behavio?r* or metacognit*) and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or (behav* and cognit* and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or behavio?r* activat* or cbt or ((rational* and emotiv*) or ((rational or ret) and (living or psychotherap* or therap*)) or rebt or (" active directive" and (psychotherap* or therap*)))))
s1	(mh "psychotherapy+")

3.1.3 Topic specific databases

CENTRAL – Wiley

#1	mesh descriptor **psychotherapy** explode all trees	
#2	(((cognit* or behavio?r* or metacognit*) near/5 (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or (behav* and cognit* and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or behavio?r* activat* or cbt or ((rational* near/3 emotiv*) or ((rational or ret) near/1 (living or psychotherap* or therap*)) or rebt or (" active directive " near/1 (psychotherap* or therap*)))):ti or (((cognit* or behavio?r* or metacognit*) near/5 (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or (behav* and cognit* and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or behavio?r* activat* or cbt or ((rational* near/3 emotiv*) or ((rational or ret) near/1 (living or psychotherap* or therap*)) or rebt or (" active directive " near/1 (psychotherap* or therap*)))):ab	
#3	(#1 or #2)	
#4	mesh descriptor **self administration**, this term only	
#5	mesh descriptor **self care**, this term only	
#6	mesh descriptor **self-help groups**, this term only	
#7	((self near/1 (administer* or assess* or care or change or directed or help* or guide* or instruct* or manag* or monitor* or regulat* or reinforc* or " re inforc* " or technique* or therap* or treat*)) or selfhelp* or " smart recover* " or (minimal near/1 (contact or guidance)) or helpseek* or (help* near/2 seek*) or (mutual near/1 (help or aid or support*))):ti or ((self near/1 (administer* or assess* or care or change or directed or help* or guide* or instruct* or manag* or monitor* or regulat* or reinforc* or " re inforc* " or technique* or therap* or treat*)) or selfhelp* or " smart recover* " or (minimal near/1 (contact or guidance)) or helpseek* or (help* near/2 seek*) or (mutual near/1 (help or aid or support*))):ab	
#8	(#4 or #5 or #6 or #7)	
#9	mesh descriptor **bibliotherapy**, this term only	
#10	(bibliotherap* or biblio therap* or manual or ((book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading or workbook* or written) near/5 (approach* or assist* or coach* or club* or class* or educat* or instruct* or interven* or learn* or module* or program* or psychoanaly* or psychotherap* or rehab* or strateg* or support* or teach* or therap* or train* or treat* or workshop* or " work shop* ")) or ((read* or reading) near/4 (book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading))):ti or (bibliotherap* or biblio	

	therap* or manual or ((book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading or workbook* or written) near/5 (approach* or assist* or coach* or club* or class* or educat* or instruct* or interven* or learn* or module* or program* or psychoanaly* or psychotherap* or rehab* or strateg* or support* or teach* or therap* or train* or treat* or workshop* or " work shop* ")) or ((read* or reading) near/4 (book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading))):ab	
#11	(#9 or #10)	
#12	(#3 or #8 or #11)	
#13	mesh descriptor **computer-aided design**, this term only	
#14	mesh descriptor **computer communication networks**, this term only	
#15	mesh descriptor **computer literacy**, this term only	
#16	mesh descriptor **computer systems**, this term only	
#17	mesh descriptor **computer user training**, this term only	
#18	mesh descriptor **computer-assisted instruction**, this term only	
#19	mesh descriptor **computers** explode all trees	
#20	mesh descriptor **decision making, computer-assisted** explode all trees	
#21	mesh descriptor **internet** explode all trees	
#22	mesh descriptor **medical informatics computing**, this term only	
#23	mesh descriptor **multimedia**, this term only	
#24	mesh descriptor **software** explode all trees	
#25	mesh descriptor **telemedicine**, this term only	
#26	mesh descriptor **telephone** explode all trees	
#27	(cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media " or online or pc* or phone* or portal* or telephone* or virtual or web* or www):ti or (cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media " or online or pc* or phone* or portal* or telephone* or virtual or web* or www):ab	
#28	"interactive voice response":ti or "interactive voice response":ab	
#29	(#13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28)	
#30	(#12 and #29)	
#31	mesh descriptor **therapy, computer-assisted**, this term only	
#32	(" e communication* " or ecommunication* or " e consult* " or econsult* or " e visit* " or evisit* or " e therap* " or etherap* or telehealth or " tele health " or " tele medicine " or telemedicine or teletherap* or " tele therap* "):ti or (" e communication* " or ecommunication* or " e consult* " or econsult* or " e visit* " or evisit* or " e therap* " or etherap* or telehealth or " tele health " or " tele medicine " or telemedicine or teletherap* or " tele therap* "):ab	
#33	((cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media " or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (advocacy or approach* or coach* or discussion or educat* or exchang* or guide* or help* or instruct* or interact* or interven* or learn* or manag* or meeting* or module* or program* or psychoanaly* or psychotherap* or rehab* or retrain* or " re train* " or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or work shop* or workshop*)):ti or ((cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media " or online or	

	pc* or phone* or telephone* or virtual or web* or www) near/5 (advocacy or approach* or coach* or discussion or educat* or exchang* or guide* or help* or instruct* or interact* or interven* or learn* or manag* or meeting* or module* or program* or psychoanaly* or psychotherap* or rehab* or retrain* or " re train* " or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or work shop* or workshop*)):ab	
#34	((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or information or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/2 (assist* or based or driven)):ti or ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or information or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/2 (assist* or based or driven)):ab	4121
#35	((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (aid or aided or appointment* or booking* or communicat* or consult* or deliver* or feedback or forum or guided or input* or letter* or referral* or remind* or send* or transfer* or transmi* or visit*)):ti or ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (aid or aided or appointment* or booking* or communicat* or consult* or deliver* or feedback or forum or guided or input* or letter* or referral* or remind* or send* or transfer* or transmi* or visit*)):ab	
#36	((client* or consumer* or inpatient* or outpatient* or patient* or health or information or web or internet) near/3 portal*):ti or ((client* or consumer* or inpatient* or outpatient* or patient* or health or information or web or internet) near/3 portal*):ab	
#37	((client* or consumer* or inpatient* or outpatient* or patient*) near/5 (cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www)):ti or ((client* or consumer* or inpatient* or outpatient* or patient*) near/5 (cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www)):ab	
#38	(((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((chroni* or excessiv*) near/2 sweat*) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*") near/3 (package* or program*):ti or (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((chroni* or excessiv*) near/2 sweat*) or ((mute* or mutism) near/2 (elective* or selective*)) or	

	(("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*") near/3 (package* or program*):ab	
#39	(acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) near/2 fear*) or (fear* near/4 ("air travel" or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or "specific fear*") near/3 (package or program*):ti or (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) near/2 fear*) or (fear* near/4 ("air travel" or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or "specific fear*") near/3 (package or program*):ab	
#40	(btstep* or "bt step*" or ocfighter or "oc fighter" or caccbt or ccbt or "c cbt" or "glasgow steps" or ("living life" near/2 full) or netcope or "net cope" or "overcoming depression" or "panic online" or positivestep or "positive step"):ti or (btstep* or "bt step*" or ocfighter or "oc fighter" or caccbt or ccbt or "c cbt" or "glasgow steps" or ("living life" near/2 full) or netcope or "net cope" or "overcoming depression" or "panic online" or positivestep or "positive step"):ab	
#41	(#31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40)	
#42	(#30 or #41)	
#43	((beating near/2 blues) or (fearfighter or fear fighter or ffeducation or "ff education" or standaloneff or "standalone ff" or internetff or "internet ff" or nettff or "nett ff") or (moodgym or "mood gym") or ("overcoming anxiety" or ("overcoming panic" near/2 agoraphobia) or ("overcoming social anxiety" near/1 shyness)) or (restoring near/2 balance)):ti or ((beating near/2 blues) or (fearfighter or fear fighter or ffeducation or "ff education" or standaloneff or "standalone ff" or internetff or "internet ff" or nettff or "nett ff") or (moodgym or "mood gym") or ("overcoming anxiety" or ("overcoming panic" near/2 agoraphobia) or ("overcoming social anxiety" near/1 shyness)) or (restoring near/2 balance)):ab	
#44	(#42 or #43)	

3.1.4 Topic specific databases

Social Services Abstracts (SSA), Sociological Abstracts, International Bibliography of Social Sciences (IBSS) – ProQUEST

(ti((comput* or internet or interactive voice response or multimedia or phone* or telephone*)) or ab((comput* or internet or interactive voice response or multimedia or phone* or telephone*)) or su((comput* or internet or interactive voice response or multimedia or phone* or telephone*)))

3.1.5 Topic specific databases

Social Sciences Citation Index (SSCI)

ti=(comput* or internet or interactive voice response or multimedia or phone* or telephone*)

3.2 Case identification

RC2.1 For suspected social anxiety disorder, what identification tools when compared to a gold standard diagnosis (based on DSM or ICD criteria) have adequate clinical utility (i.e. clinically useful with good sensitivity and specificity) and reliability?

RQ2.2 For people with suspected social anxiety disorder, what are the key components of, and the most effective structure for a clinical assessment?

3.2.1 Embase, Medline, PreMedline, PsycINFO – OVID SP

1	psychometry/ or questionnaire/ or rating scale/ or risk assessment/ or scoring system/ or screening test/ or "speech and language assessment"/ or summated rating scale/
2	1 use emez
3	checklist/ or interview/ or interview, psychological/ or needs assessment/ or nursing assessment/ or "outcome and process assessment (health care)"/ or "outcome assessment (health care)"/ or exp personality assessment/ or "predictive value of tests"/ or exp psychiatric status rating scales/ or exp psychological tests/ or questionnaires/ or risk assessment/ or screening test/
4	3 use mesz, prem
5	measurement/ or exp achievement measures/ or exp aptitude measures/ or attitude measurement/ or exp attitude measures/ or comprehension tests/ or exp intelligence measures/ or interviews/ or exp inventories/ or needs assessment/ or performance tests/ or exp personality measures/ or exp psychiatric evaluation/ or exp psychological assessment/ or psychometrics/ or exp questionnaires/ or exp rating scales/ or exp reading measures/ or exp retention measures/ or risk assessment/ or "scoring (testing)"/ or exp screening tests/ or exp selection tests/ or sociometric tests/ or "speech and hearing measures"/ or standardized tests/ or subtests/ or symptom checklists/ or test scores/ or exp testing/ or testing methods/ or verbal tests/
6	5 use psyh
7	(index or instrument$ or interview$ or inventor$ or item$ or measure$1 or questionnaire$ or scale$ or score$ or screen$ or self report$ or subscale$ or survey$ or tool$ or test form$).ti,ab.
8	or/2,4,6-7
9	di.fs. or exp diagnosis/ or exp mass screening/ or screening test/
10	9 use emez
11	di.fs. or exp diagnosis/ or mass screening/ or nursing diagnosis/
12	11 use mesz, prem
13	exp diagnosis/ or exp health screening/ or screening/ or exp screening tests/
14	13 use psyh
15	(detect$ or diagnos$ or identif$ or psychodiagnos$ or recogni$ or screen$).ti,ab.

16	or/10,12,14-15
17	(8 and 16) or (casefind$ or ((case or tool$) adj (find$ or identif$))).ti,ab.
18	"area under the curve"/ or predictive validity/ or receiver operating characteristic/ or reliability/ or "sensitivity and specificity"/ or test retest reliability/ or validity/
19	18 use emez
20	"area under curve"/ or "predictive value of tests"/ or "reproducibility of results"/ or roc curve/ or "sensitivity and specificity"/ or validation studies/
21	20 use mesz, prem
22	test reliability/ or test validity/
23	22 use psyh
24	(accurac$ or accurat$ or area under curve or auc value$ or (likelihood adj3 ratio$) or (diagnostic adj2 odds ratio$) or ((pretest or pre test or posttest or post test) adj2 probabilit$) or (predict$ adj3 value$) or receiver operating characteristic or (roc adj2 curv$) or reliabil$ or sensititiv$ or specificit$ or valid$).tw.
25	or/19,21,23-24
26	(17 and 25) or ((social phobia adj2 inventory) or (spin adj3 inventor$) or (spin adj3 (instrument$ or measure$ or question$ or report$ or scale$ or test$))).ti,ab,tm.
27	exp case control study/ or cohort analysis/ or cross-sectional study/ or follow up/ or longitudinal study/ or observational study/ or prospective study/ or retrospective study/
28	27 use emez
29	exp case control studies/ or exp cohort studies/ or cross-sectional studies/ or epidemiologic studies/
30	29 use mesz, prem
31	(cohort analysis or followup studies or longitudinal studies or prospective studies or retrospective studies).sh,id. or (followup study or longitudinal study or prospective study or retrospective study).md.
32	31 use psyh
33	((epidemiologic$ or observational) adj (study or studies)).ti,ab.
34	(cohort$1 or cross section$ or crosssection$ or followup$ or follow up$ or followed or longitudinal$ or prospective$ or retrospective$).ti,ab.
35	(case adj2 (control or series)).ti,ab.
36	or/28,30,32-35
37	8 and 26 and 36

3.3 Service user experience

RQ1.1 What methods increase the proportion and diversity of people with social anxiety disorder accessing treatment?
Subquestion: Do obstacles to access or the effectiveness of interventions differ across subgroups: Whites versus Black and minority ethnic groups Men versus Women Children (5 to 12) versus adolescents (13 to 18) versus adults (18 to 65) versus Older adults (65+)

3.3.1 Embase, Medline, PreMedline, PsycINFO – OVID SP

1	cluster analysis/ or constant comparative method/ or content analysis/ or cultural anthropology/ or discourse analysis/ or ethnographic research/ or ethnography/ or ethnology/ or ethnonursing research/ or field study/ or grounded theory/ or information processing/ or nursing methodology research/ or personal experience/ or phenomenology/ or purposive sample/ or qualitative research/ or exp recording/ or semi

	structured interview/ or storytelling/ or structured interview/ or thematic analysis/ or theoretical sample/
2	1 use emez
3	anthropology, cultural/ or focus groups/ or exp tape recording/ or interview/ or personal narratives/ or exp interviews as topic/ or narration/ or nursing methodology research/ or observation/ or qualitative research/ or sampling studies/ or cluster analysis/ or videodisc recording/
4	3 use mesz, prem, prem
5	"culture (anthropological)"/ or cluster analysis/ or content analysis/ or discourse analysis/ or ethnography/ or "experiences (events)"/ or grounded theory/ or interviews/ or life experiences/ or narratives/ or observation methods/ or phenomenology/ or qualitative research/ or structured clinical interview/ or exp tape recorders/ or storytelling/ or (field study or interview or focus group or qualitative study).md.
6	5 use psyh
7	(qualitative$ or ethno$ or emic or etic or heuristic or semiotics).ti,ab.
8	((focus$ or structured) adj2 interview$).ti,ab.
9	(((audio or tape or video$) adj5 record$) or audiorecord$ or taperecord$ or videorecord$ or videotap$).ti,ab.
10	(story or stories or storytell$ or story tell$).ti,ab.
11	testimon$.ti,ab.
12	((focus adj4 (group$ or sampl$)) or narrat$ or ((life or lived) adj experience$)).ti,ab.
13	((participant$ or nonparticipant$) adj3 observ$).ti,ab.
14	(constant adj (comparative or comparison)).ti,ab.
15	(content analy$ or (field adj (note$ or record$ or stud$ or research)) or fieldnote$).ti,ab.
16	(data adj1 saturat$).ti,ab.
17	discourse analys?s.ti,ab.
18	(grounded adj (theor$ or study or studies or research)).ti,ab.
19	(hermeneutic$ or heidegger$ or husserl$ or colaizzi$ or giorgi$ or glaser or spiegelberg$ or strauss).ti,ab.
20	(maximum variation or snowball).ti,ab.
21	(cross case analys$ or eppi approach or metaethno$ or meta ethno$ or metanarrative$ or meta narrative$ or meta overview or metaoverview or metastud$ or meta stud$ or metasummar$ or meta summar$ or qualitative overview$ or ((critical interpretative or evidence or meta or mixed methods or multilevel or multi level or narrative or parallel or realist) adj synthes$) or metasynthes$).ti,ab. or (qualitative$ and (metaanal$ or meta anal$ or synthes$ or systematic review$)).ti,ab,hw,pt.
22	purpos$ sampl$.ti,ab.
23	(structured categor$ or unstructured categor$).ti,ab.
24	((thematic$ adj3 analys$) or themes).ti,ab.
25	(theoretical sampl$ or ricoeur or spiegelberg$ or merleau).ti,ab.
26	(van kaam$ or van manen or constant compar$).ti,ab.
27	action research.ti,ab.
28	human science.ti,ab.
29	(critical social$ or ethical enquiry or (pilot testing and survey) or shadowing or ((philosophical or social) adj research$)).ti,ab.
30	or/2,4,6-29
31	health care survey/ or health survey/
32	31 use emez
33	health care surveys/ or exp health surveys/

34	33 use mesz, prem, prem
35	exp surveys/
36	35 use psyh
37	(survey$ or question$).ti,ab.
38	exp attitude/ or exp patient acceptance of health care/ or exp patient attitude/ or patient-centered care/ or patient education/ or patient satisfaction/
39	38 use emez
40	exp attitude to health/ or exp patient acceptance of health care/ or patient-centered care/ or patient education/ or patient education handout/ or patient satisfaction/
41	40 use mesz, prem, prem
42	exp client attitudes/ or client education/ or exp consumer attitudes/ or exp health attitudes/ or exp patient attitude/ or patient-centered care/ or patient education/ or patient satisfaction/
43	42 use psyh
44	(account$ or anxieties or attitude$ or barriers or belief$ or buyin or buy in$1 or cooperat$ or co operat$ or expectation$ or experienc$ or feedback or involv$ or opinion$ or participat$ or perceived need$ or (perception$ not speech perception) or perspective$ or preferen$ or satisf$ or view$ or voices or worry).ti,ab.
45	(or/32,34,36-37) and (or/39,41,43-44)
46	((adult$ or attender$ or carer$ or caregiver$ or care giver$ or client$ or consumer$ or customer$ or famil$ or father$ or individual$ or mentor$ or mother$ or patient$ or people$ or person$ or teacher$ or women or user$ or adolescen$ or boy$1 or child$ or girl$1 or graders or infant$ or junior$1 or juvenile$ or kindergarten or minors or p?ediatric$ or postpubert$ or postpubescen$ or preadolescen$ or prepubert$ or prepubescen$ or preschool$ or preteen$ or pubert$ or pubescen$ or school$ or teen$ or (young$ adj (people or person$ or patient$ or population$)) or youngster$ or youth$1) adj3 (account$ or anxieties or attitude$ or barriers or belief$ or buyin or buy in$1 or cooperat$ or co operat$ or expectation$ or experienc$ or feedback or involv$ or opinion$ or participat$ or perceived need$ or (perception$ not speech perception) or perspective$ or preferen$ or satisf$ or view$ or voices or worry)).ti,ab.
47	((information adj (need$ or requirement$ or support$)) or patient information).ti,ab.
48	(service$ adj2 (acceptab$ or unacceptab$)).ti,ab.
49	or/30,45-48

3.3.2 CINAHL – EBSCO Host

s47	s32 or s43 or s44 or s45 or s46
s46	ti (((service* n2 (acceptab* or unacceptab*)))) or ab (((service* n2 (acceptab* or unacceptab*))))
s45	ti ((((information n1 (need* or requirement* or support*)) or patient information))) or ab ((((information n1 (need* or requirement* or support*)) or patient information)))
s44	ti ((((adult* or attender* or carer* or caregiver* or "care giver*" or client* or consumer* or customer* or famil* or father* or individual* or mentor* or mother* or patient* or people* or person* or teacher* or women or user* or (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert$ or pubescen$ or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*)) n3 (account* or anxieties or attitude* or barriers or belief* or buyin or "buy in*" or cooperat* or "co operat*"

	or expectation* or experienc* or feedback or involv* or opinion* or participat* or perceived need* or (perception* not "speech perception") or perspective* or preferen* or satisf* or view* or voices or worry)))) or ab ((((adult* or attender* or carer* or caregiver* or "care giver*" or client* or consumer* or customer* or famil* or father* or individual* or mentor* or mother* or patient* or people* or person* or teacher* or women or user* or (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*)) n3 (account* or anxieties or attitude* or barriers or belief* or buyin or "buy in*" or cooperat* or "co operat*" or expectation* or experienc* or feedback or involv* or opinion* or participat* or perceived need* or (perception* not "speech perception") or perspective* or preferen* or satisf* or view* or voices or worry))))
s43	ti (#33 or #34) and (#35 or s36 or s37 or s38 or s39 or s40 or s41 or s42)
s42	ti ((account* or anxieties or attitude* or barriers or belief* or buyin or "buy in*" or cooperat* or "co operat*" or expectation* or experienc* or feedback or involv* or opinion* or participat* or perceived need* or (perception* not "speech perception") or perspective* or preferen* or satisf* or view* or voices or worry)) or ab ((account* or anxieties or attitude* or barriers or belief* or buyin or "buy in*" or cooperat* or "co operat*" or expectation* or experienc* or feedback or involv* or opinion* or participat* or perceived need* or (perception* not "speech perception") or perspective* or preferen* or satisf* or view* or voices or worry))
s41	(mh "consumer attitudes")
s40	(mh "consumer satisfaction")
s39	(mh "patient satisfaction")
s38	(mh "patient education (iowa nic) (non-cinahl)")
s37	(mh "patient education") or (mh "hiv education") or (mh "patient discharge education")
s36	(mh "patient centered care")
s35	(mh "attitude to health+")
s34	((survey* or question*)) or ab ((survey* or question*))
s33	(mh "surveys")
s32	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10 or s11 or s12 or s13 or s14 or s15 or s16 or s17 or s18 or s19 or s20 or s21 or s22 or s23 or s24 or s25 or s26 or s27 or s28 or s29 or s30 or s31
s31	ti testimon* or ab testimon* or mw testimon*
s30	ti (((audio or tape or video*) and record*) or audiorecord* or taperecord* or videorecord* or videotap*) or ab (((audio or tape or video*) and record*) or audiorecord* or taperecord* or videorecord* or videotap*) or mw (((audio or tape or video*) and record*) or audiorecord* or taperecord* or videorecord* or videotap*)
s29	ti interview* or ab interview* or mw interview*
s28	ti (qualitative or ethno* or emic or etic or hermeneutic* or heuristic or semiotics or phenomenolog*) or ab (qualitative or ethno* or emic or etic or hermeneutic* or heuristic or semiotics or phenomenolog*) or mw (qualitative or ethno* or emic or etic or hermeneutic* or heuristic or semiotics or phenomenolog*)
s27	(mh "theoretical sample")
s26	(mh "purposive sample")
s25	(mh "observational methods+")
s24	(mh "methodological research")
s23	(mh "grounded theory")

s22	(mh "information processing (iowa noc)")
s21	(mh "focus groups")
s20	(mh "field studies")
s19	(mh "ethnonursing research")
s18	(mh "ethnological research")
s17	(mh "ethnography")
s16	(mh "ethnography")
s15	(mh "thematic analysis")
s14	(mh "content analysis")
s13	(mh "cluster analysis")
s12	(mh "discourse analysis")
s11	(mh "constant comparative method")
s10	(mh "attitude+")
s9	(mh "audiorecording")
s8	(mh "videorecording")
s7	ti (story or stories or storytell* or “story tell” or “story telling”) or ab (story or stories or storytell* or “story tell” or “story telling”) or mw (story or stories or storytell* or “story tell” or “story telling”)
s6	(mh "narratives")
s5	(mh "life change events")
s4	(mh "life experiences")
s3	(mh "qualitative studies+")
s2	(mh "qualitative validity")
s1	(mh "phenomenology")

4 Study design filters – all databases

4.1 Quantitative and qualitative systematic review study design filters

4.1.1 Systematic review study design filter

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	meta analysis/ or systematic review/
2	1 use emez
3	meta analysis.sh,pt. or "meta-analysis as topic"/ or "review literature as topic"/
4	3 use mesz, prem
5	(literature review or meta analysis).sh,id,md. or systematic review.id,md.
6	5 use psyh
7	(exp bibliographic database/ or (((electronic or computer$ or online) adj database$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review$.ti,ab,sh,pt. or systematic$.ti,ab.)
8	7 use emez
9	(exp databases, bibliographic/ or (((electronic or computer$ or online) adj database$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review$.ti,ab,sh,pt. or systematic$.ti,ab.)
10	9 use mesz, prem
11	(computer searching.sh,id. or (((electronic or computer$ or online) adj database$) or bids or

	cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review$.ti,ab,pt. or systematic$.ti,ab.)
12	11 use psyh
13	((analy$ or assessment$ or evidence$ or methodol$ or quantitativ$ or systematic$) adj2 (overview$ or review$)).tw. or ((analy$ or assessment$ or evidence$ or methodol$ or quantitativ$ or systematic$).ti. and review$.ti,pt.) or (systematic$ adj2 search$).ti,ab.
14	(metaanal$ or meta anal$).ti,ab.
15	(research adj (review$ or integration)).ti,ab.
16	reference list$.ab.
17	bibliograph$.ab.
18	published studies.ab.
19	relevant journals.ab.
20	selection criteria.ab.
21	(data adj (extraction or synthesis)).ab.
22	(handsearch$ or ((hand or manual) adj search$)).ti,ab.
23	(mantel haenszel or peto or dersimonian or der simonian).ti,ab.
24	(fixed effect$ or random effect$).ti,ab.
25	((pool$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
26	or/2,4,6,8,10,12-25

4.1.2 Qualitative systematic review study design filter

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	(cross case analys$ or eppi approach or metaethno$ or meta ethno$ or metanarrative$ or meta narrative$ or meta overview or metaoverview or metastud$ or meta stud$ or metasummar$ or meta summar$ or qualitative overview$).ti,ab.
2	(((critical interpretative or evidence or meta or mixed methods or multilevel or multi level or narrative or parallel or realist) adj synthes$) or metasynthes$).ti,ab.
3	(qualitative$ and (metaanal$ or meta anal$ or synthes$ or systematic review$)).ti,ab,hw,pt.
4	or/1-3

4.1.3 Systematic review study design filter

AMED – OVID SP

1	meta analysis/
2	(databases bibliographic/ or (((electronic or computer$ or online) adj database$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review$.ti,ab,pt. or systematic$.ti,ab.)
3	((analy$ or assessment$ or evidence$ or methodol$ or qualitativ$ or quantativ$ or systematic$) adj2 (overview$ or review$)).tw. or ((analy$ or assessment$ or evidence$ or methodol$ or quantativ$ or qualitativ$ or systematic$).ti. and review$.ti,pt.) or (systematic$ adj2 search$).ti,ab.
4	(metaanal$ or meta anal$).ti,ab.
5	(research adj (review$ or integration)).ti,ab.
6	reference list$.ab.
7	published studies.ab.
8	relevant journals.ab.

9	selection criteria.ab.
10	(data adj (extraction or synthesis)).ab.
11	(handsearch$ or ((hand or manual) adj search$)).ti,ab.
12	(mantel haenszel or peto or dersimonian or der simonian).ti,ab.
13	(fixed effect$ or random effect$).ti,ab.
14	or/1-13

4.1.4 Systematic review study design filter

Applied Social Sciences Index and Abstracts (ASSIA), Australian Education Index (AEI), British Education Index (BEI), Education Resources in Curriculum (ERIC), Social Services Abstracts (SSA), Sociological Abstracts, Applied Social Sciences Index and Abstracts (ASSIA), International Bibliography of Social Sciences (IBSS) - ProQUEST

S1	all ((“meta anal*” or “systematic overview” or “systematic review” or “systematic search”))

4.1.5 Qualitative systematic review study design filter

Applied Social Sciences Index and Abstracts (ASSIA), Australian Education Index (AEI), British Education Index (BEI), Education Resources in Curriculum (ERIC), International Bibliography of Social Sciences (IBSS), National Criminal Justice Reference Service (NCJRS), Social Services Abstracts (SSA), Sociological Abstracts – ProQUEST

s1	all((“cross case analys*” or “eppi approach” or metaethno* or “meta ethno*” or metanarrative* or “meta narrative*” or “meta overview” or metaoverview or metastud* or “meta stud*” or metasummar* or “meta summar*” or “qualitative overview*”))
s2	all((((“critical interpretative” or evidence or meta or “mixed methods” or multilevel or “multi level” or narrative or parallel or realist) near/1 synthes*) or metasynthes*))
s3	all((qualitative* and (metaanal* or “meta anal*” or synthes* or “systematic review*”)))
s4	s1 or s2 or s3

4.1.6 Systematic review study design filter

CINAHL – EBSCO HOST

s33	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10 or s11 or s12 or s13 or s14 or s15 or s16 or s22 or s23 or s26 or s27 or s28 or s29 or s30 or s31 or s32
s32	ti (analy* n5 review* or assessment* n5 review* or evidence* n5 review* or methodol* n5 review* or quantativ* n5 review* or systematic* n5 review*) or ab (analy* n5 review* or assessment* n5 review* or evidence* n5 review* or methodol* n5 review* or quantativ* n5 review* or systematic* n5 review*)
s31	ti (analy* n5 overview* or assessment* n5 overview* or evidence* n5 overview* or methodol* n5 overview* or quantativ* n5 overview* or systematic* n5 overview*) or ab (analy* n5 overview* or assessment* n5 overview* or evidence* n5 overview* or methodol* n5 overview* or quantativ* n5 overview* or systematic* n5 overview*)
s30	ti (pool* n2 results or combined n2 results or combining n2 results) or ab (pool* n2 results or combined n2 results or combining n2 results)
s29	ti (pool* n2 studies or combined n2 studies or combining n2 studies) or ab (pool* n2

	studies or combined n2 studies or combining n2 studies)
s28	ti (pool* n2 trials or combined n2 trials or combining n2 trials) or ab (pool* n2 trials or combined n2 trials or combining n2 trials)
s27	ti (pool* n2 data or combined n2 data or combining n2 data) or ab (pool* n2 data or combined n2 data or combining n2 data)
s26	s24 and s25
s25	ti review* or pt review*
s24	ti analy* or assessment* or evidence* or methodol* or quantativ* or systematic*
s23	ti "systematic* n5 search*" or ab "systematic* n5 search*"
s22	(s17 or s18 or s19) and (s20 or s21)
s21	ti systematic* or ab systematic*
s20	tx review* or mw review* or pt review*
s19	(mh "cochrane library")
s18	ti (bids or cochrane or index medicus or "isi citation" or psyclit or psychlit or scisearch or "science citation" or web n2 science) or ab (bids or cochrane or index medicus or "isi citation" or psyclit or psychlit or scisearch or "science citation" or web n2 science)
s17	ti ("electronic database*" or "bibliographic database*" or "computeri?ed database*" or "online database*") or ab ("electronic database*" or "bibliographic database*" or "computeri?ed database*" or "online database*")
s16	(mh "literature review")
s15	pt systematic* or pt meta*
s14	ti ("fixed effect*" or "random effect*") or ab ("fixed effect*" or "random effect*")
s13	ti ("mantel haenszel" or peto or dersimonian or "der simonian") or ab ("mantel haenszel" or peto or dersimonian or "der simonian")
s12	ti (handsearch* or "hand search*" or "manual search*") or ab (handsearch* or "hand search*" or "manual search*")
s11	ab "data extraction" or "data synthesis"
s10	ab "selection criteria"
s9	ab "relevant journals"
s8	ab "published studies"
s7	ab bibliograph*
s6	ab "reference list*"
s5	ti ("research review*" or "research integration") or ab ("research review*" or "research integration")
s4	ti (metaanal* or "meta anal*") or ab (metaanal* or "meta anal*")
s3	(mh "meta analysis")
s2	(mh "systematic review")
s1	(mh "literature searching+")

4.1.7 Qualitative systematic review study design filter

CINAHL – EBSCO HOST

s1	ti ("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*") or ab ("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*")
s2	ti ((("critical interpretative" or evidence or meta or "mixed methods" or multilevel or

	"multi level" or narrative or parallel or realist) near synthes*) or metasynthes*) or ab ((("critical interpretative" or evidence or meta or "mixed methods" or multilevel or "multi level" or narrative or parallel or realist) near synthes*) or metasynthes*)
s3	ti qualitative* or ab qualitative* or mw qualitative* or pt qualitative*
s4	ti (metaanal* or "meta anal*" or synthes* or "systematic review*") or ab (metaanal* or "meta anal*" or synthes* or "systematic review*") or mw (metaanal* or "meta anal*" or synthes* or "systematic review*") or pt (metaanal* or "meta anal*" or synthes* or "systematic review*")
s5	s3 and s4
s6	s1 or s2 or s5

4.1.8 Systematic review study design filter

SSCI – Web of Knowledge

#1	title=("electronic database*" or "computer* database*" or "online database*" or bids or cochrane or embase or "index medicus" or "isi citation" or medline or psyclit or psychlit or scisearch or "science citation" or "web of science")
#2	title=(review* or systematic*) or topic=(review* or systematic*)
#3	#1 and #2
#4	topic=((systematic* near search* or metaanal* or "meta anal*" or "research review*" or "research integration" or "reference list*" or bibliograph* or "published studies" or "relevant journals" or "selection criteria" or "data extraction" or "data synthesis" or handsearch* or "hand search*" or "manual search*" or "mantel haenszel" or peto or dersimonian or "der simonian" or "fixed effect*" or "random effect*" or ((pool* or combined or combining) near (data or trials or studies or results)))) or title=((systematic* near search* or metaanal* or "meta anal*" or "research review*" or "research integration" or "reference list*" or bibliograph* or "published studies" or "relevant journals" or "selection criteria" or "data extraction" or "data synthesis" or handsearch* or "hand search*" or "manual search*" or "mantel haenszel" or peto or dersimonian or "der simonian" or "fixed effect*" or "random effect*") or ((pool* or combined or combining) near (data or trials or studies or results))))
#5	topic=(((analy* or assessment* or evidence* or methodol* or quantitativ* or systematic*) near (overview* or review*))) or title=(((analy* or assessment* or evidence* or methodol* or qualitativ* or quantitativ* or systematic*) near (overview* or review*)))
#6	#3 or #4 or #5

4.1.9 Qualitative systematic review study design filter

SSCI – Web of Knowledge

#1	topic=(("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*")) or title=(("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*"))
#2	topic=((((("critical interpretative" or evidence or meta or "mixed methods" or multilevel or "multi level" or narrative or parallel or realist) near synthes*) or metasynthes*)) or title=((((("critical interpretative" or evidence or meta or "mixed methods" or multilevel or "multi level" or narrative or parallel or realist) near synthes*) or metasynthes*))

#3	topic=((qualitative* and (metaanal* or "meta anal*" or synthes* or "systematic review*"))) or title=((qualitative* and (metaanal* or "meta anal*" or synthes* or "systematic review*")))
#4	#1 or #2 or #3

4.2 Randomised controlled trial filters

4.2.1 Randomized controlled trial study design filter

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	exp "clinical trial (topic)"/ or exp clinical trial/ or crossover procedure/ or double blind procedure/ or placebo/ or randomization/ or random sample/ or single blind procedure/
2	1 use emez
3	exp clinical trial/ or cross-over studies/ or double-blind method/ or placebos/ or random allocation/ or "randomized controlled trials as topic"/ or single-blind method/
4	3 use mesz, prem
5	(clinical trials or placebo or random sampling).sh,id.
6	5 use psyh
7	(clinical adj2 trial$).ti,ab.
8	(crossover or cross over).ti,ab.
9	(((single$ or doubl$ or trebl$ or tripl$) adj2 blind$) or mask$ or dummy or doubleblind$ or singleblind$ or trebleblind$ or tripleblind$).ti,ab.
10	(placebo$ or random$).ti,ab.
11	treatment outcome$.md. use psyh
12	animals/ not human$.mp. use emez
13	animal$/ not human$/ use mesz, prem
14	(animal not human).po. use psyh
15	(or/2,4,6-11) not (or/12-14)

4.2.2 Randomized controlled trial study design filter

AMED – OVID SP

1	(clinical trials or double blind method or placebos or random allocation).sh.
2	trial$.ti,ab.
3	(crossover or cross over).ti,ab.
4	(((single$ or doubl$ or trebl$ or tripl$) adj5 blind$) or mask$ or dummy or singleblind$ or doubleblind$ or trebleblind$ or tripleblind$).ti,ab.
5	(placebo$ or random$).ti,ab.
6	or/1-6

4.2.3 Randomized controlled trial study design filter

Applied Social Sciences Index and Abstracts (ASSIA), Australian Education Index (AEI), British Education Index (BEI), Education Resources in Curriculum (ERIC), Social Services Abstracts (SSA), Sociological Abstracts, Applied Social Sciences Index and Abstracts (ASSIA), International Bibliography of Social Sciences (IBSS) – PRO QUEST

S1	all ((clinical near/1 trial* or crossover or "cross over") or ((single* or doubl* or trebl* or

	tripl*) near/1 (blind* or mask* or dummy)) or (singleblind* or doubleblind* or trebleblind* or tripleblind* or placebo* or random*))

4.2.4 Randomized controlled trial study design filter

CINAHL– EBSCO Host

s10	s9 not s8
s9	s1 or s2 or s3 or s4 or s5 or s6 or s7
s8	(mh "animals") not (mh "human")
s7	(pt "clinical trial") or (pt "randomized controlled trial")
s6	ti (placebo* or random*) or ab (placebo* or random*)
s5	ti (single blind* or double blind* or treble blind* or mask* or dummy* or singleblind* or doubleblind* or trebleblind*) or ab (single blind* or double blind* or treble blind* or mask* or dummy* or singleblind* or doubleblind* or trebleblind*)
s4	ti (crossover or cross over) or ab (crossover or cross over)
s3	ti clinical n2 trial* or ab clinical n2 trial*
s2	(mh "crossover design") or (mh "placebos") or (mh "random assignment") or (mh "random sample")
s1	(mh "clinical trials+")

4.2.5 Randomized controlled trial study design filter

SSCI – Web of Knowledge

#1	topic=(((clinical near trial* or crossover or "cross over") or ((single* or doubl* or trebl* or tripl*) near (blind* or mask* or dummy)) or (singleblind* or doubleblind* or trebleblind* or tripleblind* or placebo* or random*))) or title=(((clinical near trial* or crossover or "cross over") or ((single* or doubl* or trebl* or tripl*) near (blind* or mask* or dummy)) or (singleblind* or doubleblind* or trebleblind* or tripleblind* or placebo* or random*)))

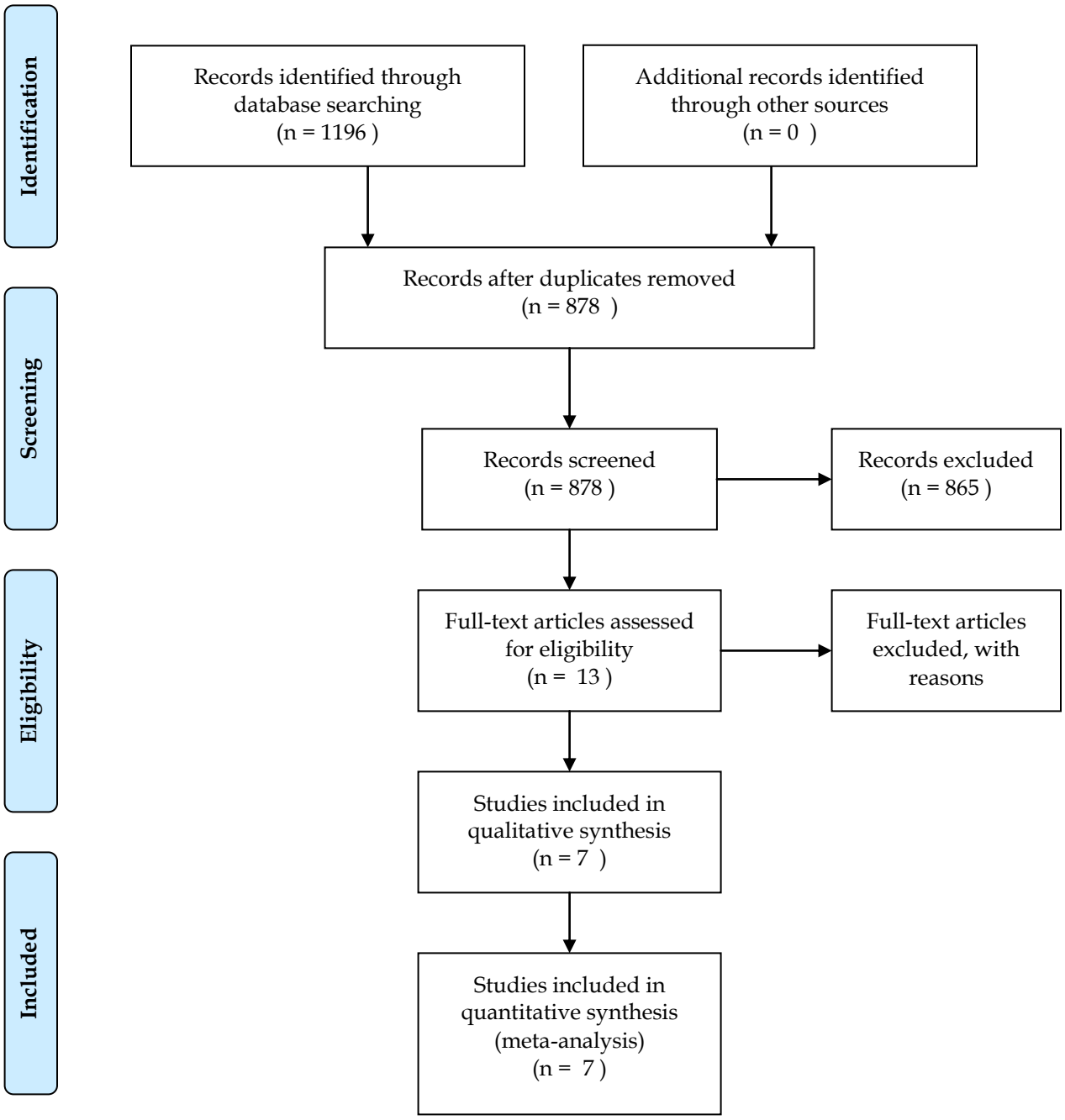
4.3 Observational study design filter

4.3.1 Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	exp case control study/ or cohort analysis/ or cross-sectional study/ or follow up/ or longitudinal study/ or observational study/ or prospective study/ or retrospective study/
2	1 use emez
3	exp case control studies/ or exp cohort studies/ or cross-sectional studies/ or epidemiologic studies/
4	3 use mesz, prem
5	(cohort analysis or followup studies or longitudinal studies or prospective studies or retrospective studies).sh,id. or (followup study or longitudinal study or prospective study or retrospective study).md.
6	5 use psyh

7	((epidemiologic$ or observational) adj (study or studies)).ti,ab.
8	(cohort$1 or cross section$ or crosssection$ or followup$ or follow up$ or followed or longitudinal$ or prospective$ or retrospective$).ti,ab.
9	(case adj2 (control$ or series)).ti,ab.
10	or/2,4,6-9

PRISMA 2009 Flow Diagram for cCBT trials [1]



[1] *From:* Moher D, Liberati A, Tetzlaff J, Altman DG, The PRISMA Group (2009). *P*referred *R*eporting *I*tems for *S*ystematic Reviews and *M*eta-*A*nalyses: The PRISMA Statement. PLoS Med 6(6): e1000097. doi:10.1371/journal.pmed1000097
For more information, visit **www.prisma-statement.org**.

APPENDIX 7: SEARCH STRATEGIES FOR THE IDENTIFICATION OF HEALTH ECONOMICS EVIDENCE

Search strategies for the identification of health economics and quality-of-life studies.

Each search was constructed using the groups of terms set out in Text Box 1. The full set of search terms is documented in sections 1 to 4.1. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the GDG.

Text Box 2: Summary of systematic search strategies: Search strategy construction

Summary of systematic search strategies for health economic evidence					
Section 1					
Review area/s	**Search type**	**Search construction**	**Study design searched**	**Databases searched**	**Date range searched**
All review areas/RQs [RQ1.1,2.1,2.2,3.1,3.2]	Generic, evidence mapped to all review areas	General mainstream databases – generic search: [(population terms) AND (HE/QoL filter)] Topic specific databases – generic search: [(population terms only)]	Economic evidence (including full and partial economic evaluations) and health technology assessment reports	General mainstream databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: HTA*, NHS EED*	1997 to October 2012
** HTA (Health Technology Assessment database), NHS EED (NHS Economic Evaluation Database)*					
Notes: *Evidence resulting from generic searches mapped to all review areas*					

RQ,4.1	Focused	Core/topic specific databases – focused search: [(specific phobias) AND (CCBT terms) AND (HE/QoL filter)]	Economic evidence (including full and partial economic evaluations) and health technology assessment reports	General mainstream databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: HTA*, NHS EED*	RCT: 2004 to January 2012
Notes: *Updates NICE Technology Appraisal on CCBT*					

APPENDIX 8: SEARCH STRATEGIES FOR THE IDENTIFICATION OF HEALTH ECONOMIC EVIDENCE

Population search terms – all databases

1 Social anxiety disorder

1.1 Social anxiety disorder – General mainstream databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	avoidant personality disorder/ or hyperhidrosis/ or mutism/ or social phobia/
2	1 use emez
3	blushing/ or exp hyperhidrosis/ or mutism/ or phobic disorders/ or shyness/
4	3 use mesz, prem
5	avoidant personality disorder/ or elective mutism/ or social anxiety/ or social phobia/ or sweating/ or timidity/
6	5 use psyh
7	(((anxiet$ or anxious$ or phobia$ or phobic$) adj2 (performance or social$)) or socioanxi$ or sociophobi$ or ((blush$ or sweat$ or trembl$) adj3 (anxiet$ or anxious$ or chronic$ or excessiv$ or fear$ or severe)) or ((interpersonal or inter personal or social$ or socio$) adj2 (aversion$ or aversiv$ or confiden$ or difficult$ or disorder$ or distress$ or fear$)) or hyperhydrosis or hyperperspirat$ or (hyper adj (hydrosis or perspirat$)) or ((mute$ or mutism) adj2 (elective$ or selective$)) or ((negative evaluation or speak$) adj3 (anxiet$ or anxious$ or distress$ or fear$)) or paruresis or (((personalit$ or phobi$ or social$ or socio$) adj2 avoid$) or avoidant disorder) or (phobi$ adj2 neuros$) or phobic disorder$ or (school$ adj2 (anxiet$ or anxious$ or phobi$ or refuse or refusal)) or (shy or shyness) or specific phobia$).ti,ab.
8	or/2,4,6-7

1.2 Social anxiety disorder - topic specific databases

HTA, NHS EED – Wiley

id	search
#1	mesh descriptor phobic disorders, this term only
#2	mesh descriptor hyperhidrosis explode all trees
#3	mesh descriptor mutism, this term only
#4	mesh descriptor blushing, this term only
#5	mesh descriptor shyness, this term only
#6	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":ti
#7	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or

	confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":ab
#8	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":kw
#9	(#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8)

2 Specific phobias

2.1 Specific phobias – Mainstream medical databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1 avoidant personality disorder/ or hyperhidrosis/ or mutism/ or exp phobia/

2 1 use emez

3 agoraphobia/ or blushing/ or exp hyperhidrosis/ or mutism/ or phobic disorders/ or shyness/

4 3 use mesz, prem

5 avoidant personality disorder/ or exp phobias/ or social anxiety/ or sweating/ or timidity/

6 5 use psyh

7 (((anxiet$ or anthropophobi$ or anxious$ or phobia$ or phobic$) adj2 (performance or social$)) or socioanxi$ or sociophobi$ or ((blush$ or sweat$ or trembl$) adj3 (anxiet$ or anxious$ or chronic$ or excessiv$ or fear$)) or ((interpersonal or inter personal or social$ or socio$) adj2 (aversion$ or aversiv$ or confiden$ or difficult$ or disorder$ or distress$ or fear$)) or (hyperhydrosis or hyperperspirat$ or (hyper adj (hydrosis or perspirat$)) or ((chroni$ or excessiv$) adj2 sweat$)) or ((mute$ or mutism) adj2 (elective$ or selective$)) or ((negative evaluation or speak$) adj3 (anxiet$ or anxious$ or distress$ or fear$)) or paruresis or (((personalit$ or phobi$ or social$ or socio$) adj2 avoid$) or avoidant disorder) or (phobi$ adj2 neuros$) or phobic disorder$ or (school$ adj2 (anxiet$ or anxious$ or phobi$ or refuse or refusal)) or (shy or shyness) or specific phobia$).ti,ab.

8 (acrophob$ or agoraphob$ or claustrophob$ or emetophob$ or homophob$ or kinesiophob$ or lesbophob$ or neophob$ or neurophob$ or phobi$ or transphob$ or trypanophob$ or xenophob$ or ((acute$ or chronic$ or extreme$ or intense$ or irrational$ or persistent$ or serious) adj2 fear$) or (fear$ adj4 (air travel or animal$ or blood$ or buses or ((closed or public) adj2 space$) or crowd$ or dark$ or dental$ or dentist$ or dog$1 or dying or falls or falling or fly or flying or height$ or hypochondriacal or injection$ or injur$ or laughed or leaving home or lightening or movement$ or needle$ or night$ or panic$ or plane$ or reinjure$ or school$ or snake$ or space$ or spider$ or test$ or thunder$ or train$ or travel$ or water)) or specific fear$).ti,ab. or (fear$ and (air travel or animal$ or blood$ or crowd$ or dark$ or dental$ or dentist$ or dog$1 or dying or falls or falling or fly or

flying or height$ or hypochondriacal or injection$ or injur$ or laughed or movement$ or needle$ or night$ or reinjure$ or school$ or snake$ or spider$ or test$ or water)).hw. or fear$.ti.

9 or/2,4,6-8

2.2 Specific phobias - topic specific databases

HTA/NHS EED – Wiley

#1 mesh descriptor **agoraphobia**, this term only

#2 mesh descriptor **blushing**, this term only

#3 mesh descriptor **hyperhidrosis**, this term only

#4 mesh descriptor **mutism**, this term only

#5 mesh descriptor **phobic disorders**, this term only

#6 mesh descriptor **shyness**, this term only

#7 (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((chroni* or excessiv*) near/2 sweat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder") or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*"):ti or (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or (hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((chroni* or excessiv*) near/2 sweat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder") or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*"):ab

#8 (fear* and (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or " leaving home " or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) :kw

#9 (fear*):ti

#10 (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) near/2 fear*) or (fear* near/4 (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or " leaving home " or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or

spider* or test* or thunder* or train* or travel* or water)) or " specific fear* "):ti or (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) near/2 fear*) or (fear* near/4 (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or " leaving home " or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or " specific fear* "):ab

#11 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10

3. Question specific search strategies - all databases

3.1 CCBT for specific phobias

RQ4.1 For adults with specific phobias, what are the relative benefits and harms of CCBT?

3.1.1 Embase, Medline, PreMedline, PsycINFO – OVID SP

1 exp psychotherapy/

2 1 use emez

3 exp psychotherapy/

4 3 use mesz, prem

5 exp psychotherapy/ or exp cognitive techniques/

6 5 use psyh

7 (((cognit$ or behavio?r$ or metacognit$) adj5 (analy$ or interven$ or modif$ or program$ or psychoanaly$ or psychotherap$ or restructur$ or retrain$ or technique$ or therap$ or train$ or treat$)) or (behav$ and cognit$ and (analy$ or interven$ or modif$ or program$ or psychoanaly$ or psychotherap$ or restructur$ or retrain$ or technique$ or therap$ or train$ or treat$)) or behavio?r$ activat$ or cbt or ((rational$ adj3 emotiv$) or ((rational or ret) adj (living or psychotherap$ or therap$)) or rebt or (active directive adj (psychotherap$ or therap$)))).ti,ab.

8 or/2,4,6-7

9 self care/ or self care agency/ or self help/ or self medication/

10 9 use emez

11 self administration/ or self care/ or self-help groups/ or self medication/

12 11 use mesz, prem

13 self care skills/ or exp self help techniques/

14 13 use psyh

15 ((self adj (administer$ or assess$ or care or change or directed or help$ or guide$ or instruct$ or manag$ or monitor$ or regulat$ or reinforc$ or re inforc$ or technique$ or therap$ or treat$)) or selfhelp$ or smart recover$ or (minimal adj (contact or guidance)) or helpseek$ or (help$ adj2 seek$) or (mutual adj (help or aid or support$))).ti,ab.

16 or/10,12,14-15

17 bibliotherapy/

18 17 use mesz, prem

19 bibliotherapy/

20 19 use psyh

21 (bibliotherap$ or biblio therap$ or manual or ((book$1 or booklet$ or brochure$ or leaflet$ or material$ or pamphlet$ or poster$ or read$1 or reading or workbook$ or written) adj5 (approach$ or assist$ or coach$ or club$ or class$ or educat$ or instruct$ or interven$ or learn$ or module$ or program$ or psychoanaly$ or psychotherap$ or rehab$ or strateg$ or support$ or teach$ or therap$ or train$ or treat$ or workshop$ or work shop$)) or ((read$1 or reading) adj4 (book$1 or booklet$ or brochure$ or leaflet$ or material$ or pamphlet$ or poster$ or read$1 or reading))).ti,ab.

22 or/18,20-21

23 or/8,16,22

24 exp "exp automation, computers and data processing"/ or exp computer/ or telemedicine/ or telephone$.sh. or teletherapy/ or telepsychiatry/

25 24 use emez

26 computer aided design/ or computer communication networks/ or computer literacy/ or computer systems/ or computer user training/ or computer-assisted instruction/ or exp computers/ or exp decision making, computer assisted/ or exp internet/ or medical informatics computing/ or multimedia/ or exp software/ or telemedicine/ or exp telephone/

27 26 use mesz, prem

28 exp computer applications/ or computer mediated communication/ or computer literacy/ or exp computer software/ or computer training/ or exp computers/ or human computer interaction/ or internet/ or multimedia/ or telemedicine/ or exp telephone systems/ or telephone$.sh. or ((computer$ and (cognitiv$ or psychotherap$)) or computer program$ or (beating adj2 blues)).id.

29 28 use psyh

30 (cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or portal$1 or telephone$ or virtual or web$ or www).ti,ab.

31 interactive voice response.ti,ab.

32 23 and (or/25,27,29-31)

33 computer assisted therapy/

34 33 use emez

35 therapy, computer assisted/

36 35 use mesz, prem

37 computer assisted therapy/ or online therapy/

38 37 use psyh

39 (e communication$ or ecommunication$ or e consult$ or econsult$ or e visit$ or evisit$ or e therap$ or etherap$ or telehealth or tele health or tele medicine or telemedicine or teletherap$ or tele therap$).ti,ab.

40 ((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj5 (advocacy or approach$ or coach$ or discussion or educat$ or exchang$ or guide$1 or help$ or instruct$ or interact$ or interven$ or learn$ or manag$ or meeting$ or module$ or program$ or psychoanaly$ or psychotherap$ or rehab$ or retrain$ or re train$ or skill$ or strateg$ or support$ or teach$ or technique$ or therap$ or train$ or treat$ or work shop$ or workshop$)).ti,ab.

41 ((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or information or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj2 (assist$ or based or driven)).ti,ab.

42 ((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj5 (aid or aided or appointment$ or booking$ or communicat$ or consult$ or deliver$ or feedback or forum or guided or input$ or letter$ or referral$ or remind$ or send$ or transfer$ or transmi$ or visit$)).ti,ab.

43 ((client$ or consumer$ or inpatient$ or outpatient$ or patient$ or health or information or web or internet) adj3 portal$).ti,ab.

44 ((client$ or consumer$ or inpatient$ or outpatient$ or patient$) adj5 (cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www)).ti,ab.

45 ((((anxiet$ or anthropophobi$ or anxious$ or phobia$ or phobic$) adj2 (performance or social$)) or socioanxi$ or sociophobi$ or ((blush$ or sweat$ or trembl$) adj3 (anxiet$ or anxious$ or chronic$ or excessiv$ or fear$)) or ((interpersonal or inter personal or social$ or socio$) adj2 (aversion$ or aversiv$ or confiden$ or difficult$ or disorder$ or distress$ or fear$)) or (hyperhydrosis or hyperperspirat$ or (hyper adj (hydrosis or perspirat$)) or ((chroni$ or excessiv$) adj2 sweat$)) or ((mute$ or mutism) adj2 (elective$ or selective$)) or ((negative evaluation or speak$) adj3 (anxiet$ or anxious$ or distress$ or fear$)) or paruresis or (((personalit$ or phobi$ or social$ or socio$) adj2 avoid$) or avoidant disorder) or (phobi$ adj2 neuros$) or phobic disorder$ or (school$ adj2 (anxiet$ or anxious$ or phobi$ or refuse or refusal)) or (shy or shyness) or specific phobia$) adj3 (package$ or program$)).ti,ab.

46 ((acrophob$ or agoraphob$ or claustrophob$ or emetophob$ or homophob$ or kinesiophob$ or lesbophob$ or neophob$ or neurophob$ or phobi$ or transphob$ or trypanophob$ or xenophob$ or ((acute or chronic$ or extreme$ or intense or irrational$ or persistent$ or serious) adj2 fear$) or (fear$ adj4 (air travel or animal$ or blood$ or buses or ((closed or public) adj2 space$) or crowd$ or dark$ or dental$ or dentist$ or dog$1 or dying or falls or falling or fly or flying or height$ or hypochondriacal or injection$ or injur$ or laughed or leaving home or lightening or movement$ or needle$ or night$ or panic$ or plane$ or reinjure$ or school$ or snake$ or space$ or spider$ or test$ or thunder$ or train$ or travel$ or water)) or specific fear$).ti,ab. or (fear$ and (air travel or animal$ or blood$ or crowd$ or dark$ or dental$ or dentist$ or dog$1 or dying or falls or falling or fly or flying or height$ or hypochondriacal or injection$ or injur$ or laughed or movement$ or needle$ or night$ or reinjure$ or school$ or snake$ or spider$ or test$ or water)).hw. or fear$.ti.) adj3 (package$ or program$).ti,ab.

47 (btstep$ or bt step$ or ocfighter or oc fighter or caccbt or ccbt or c cbt or glasgow steps or (living life adj2 full) or netcope or net cope or overcoming depression or panic online or positivestep or positive step).ti,ab.

48 or/34,36,38-47

48 or/32,48

50 48 or ((beating adj2 blues) or (fearfighter or fear fighter or ffeducation or ff education or standaloneff or standalone ff or internetff or internet ff or nettff or nett ff) or (moodgym or mood gym) or (overcoming anxiety or (overcoming panic adj2 agoraphobia) or (overcoming social anxiety adj1 shyness)) or (restoring adj2 balance)).ti,ab.

3.12 Topic specific databases

CENTRAL – Wiley

#1 mesh descriptor **psychotherapy** explode all trees

#2 (((cognit* or behavio?r* or metacognit*) near/5 (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or (behav* and cognit* and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or behavio?r* activat* or cbt or ((rational* near/3 emotiv*) or ((rational or ret) near/1 (living or psychotherap* or therap*)) or rebt or (" active directive " near/1 (psychotherap* or therap*)))):ti or (((cognit* or behavio?r* or metacognit*) near/5 (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain*

or technique* or therap* or train* or treat*)) or (behav* and cognit* and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or behavio?r* activat* or cbt or ((rational* near/3 emotiv*) or ((rational or ret) near/1 (living or psychotherap* or therap*)) or rebt or (" active directive " near/1 (psychotherap* or therap*)))):ab

#3 (#1 or #2)

#4 mesh descriptor **self administration**, this term only

#5 mesh descriptor **self care**, this term only

#6 mesh descriptor **self-help groups**, this term only

#7 ((self near/1 (administer* or assess* or care or change or directed or help* or guide* or instruct* or manag* or monitor* or regulat* or reinforc* or " re inforc* " or technique* or therap* or treat*)) or selfhelp* or " smart recover* " or (minimal near/1 (contact or guidance)) or helpseek* or (help* near/2 seek*) or (mutual near/1 (help or aid or support*))):ti or ((self near/1 (administer* or assess* or care or change or directed or help* or guide* or instruct* or manag* or monitor* or regulat* or reinforc* or " re inforc* " or technique* or therap* or treat*)) or selfhelp* or " smart recover* " or (minimal near/1 (contact or guidance)) or helpseek* or (help* near/2 seek*) or (mutual near/1 (help or aid or support*))):ab

#8 (#4 or #5 or #6 or #7)

#9 mesh descriptor **bibliotherapy**, this term only

#10 (bibliotherap* or biblio therap* or manual or ((book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading or workbook* or written) near/5 (approach* or assist* or coach* or club* or class* or educat* or instruct* or interven* or learn* or module* or program* or psychoanaly* or psychotherap* or rehab* or strateg* or support* or teach* or therap* or train* or treat* or workshop* or " work shop* ")) or ((read* or reading) near/4 (book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading))):ti or (bibliotherap* or biblio therap* or manual or ((book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading or workbook* or written) near/5 (approach* or assist* or coach* or club* or class* or educat* or instruct* or interven* or learn* or module* or program* or psychoanaly* or psychotherap* or rehab* or strateg* or support* or teach* or therap* or train* or treat* or workshop* or " work shop* ")) or ((read* or reading) near/4 (book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading))):ab

#11 (#9 or #10)

#12 (#3 or #8 or #11)

#13 mesh descriptor **computer-aided design**, this term only

#14 mesh descriptor **computer communication networks**, this term only

#15 mesh descriptor **computer literacy**, this term only

#16 mesh descriptor **computer systems**, this term only

#17 mesh descriptor **computer user training**, this term only

#18 mesh descriptor **computer-assisted instruction**, this term only

#19 mesh descriptor **computers** explode all trees

#20 mesh descriptor **decision making, computer-assisted** explode all trees

#21 mesh descriptor **internet** explode all trees

#22 mesh descriptor **medical informatics computing**, this term only

#23 mesh descriptor **multimedia**, this term only

#24 mesh descriptor **software** explode all trees

#25 mesh descriptor **telemedicine**, this term only

#26 mesh descriptor **telephone** explode all trees

#27 (cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media " or online or pc* or phone* or portal* or telephone* or virtual or web* or www):ti or (cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media " or online or pc* or phone* or portal* or telephone* or virtual or web* or www):ab

#28 "interactive voice response":ti or "interactive voice response":ab

#29 (#13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28)

#30 (#12 and #29)

#31 mesh descriptor **therapy, computer-assisted**, this term only

#32 (" e communication* " or ecommunication* or " e consult* " or econsult* or " e visit* " or evisit* or " e therap* " or etherap* or telehealth or " tele health " or " tele medicine " or telemedicine or teletherap* or " tele therap* "):ti or (" e communication* " or ecommunication* or " e consult* " or econsult* or " e visit* " or evisit* or " e therap* " or etherap* or telehealth or " tele health " or " tele medicine " or telemedicine or teletherap* or " tele therap* "):ab

#33 ((cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media " or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (advocacy or approach* or coach* or discussion or educat* or exchang* or guide* or help* or instruct* or interact* or interven* or learn* or manag* or meeting* or module* or program* or psychoanaly* or psychotherap* or rehab* or retrain* or " re train* " or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or work shop* or workshop*)):ti or ((cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or " multi media " or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (advocacy or approach* or coach* or discussion or educat* or exchang* or guide* or help* or instruct* or interact* or interven* or learn* or manag* or meeting* or module* or program* or psychoanaly* or psychotherap* or rehab* or retrain* or " re train* " or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or work shop* or workshop*)):ab

#34 ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or information or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/2 (assist* or based or driven)):ti or ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or information or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/2 (assist* or based or driven)):ab 4121

#35 ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (aid or aided or appointment* or booking* or communicat* or consult* or deliver* or feedback or forum or guided or input* or letter* or referral* or remind* or send* or transfer* or transmi* or visit*)):ti or ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone*

or telephone* or virtual or web* or www) near/5 (aid or aided or appointment* or booking* or communicat* or consult* or deliver* or feedback or forum or guided or input* or letter* or referral* or remind* or send* or transfer* or transmi* or visit*)):ab

#36 ((client* or consumer* or inpatient* or outpatient* or patient* or health or information or web or internet) near/3 portal*):ti or ((client* or consumer* or inpatient* or outpatient* or patient* or health or information or web or internet) near/3 portal*):ab

#37 ((client* or consumer* or inpatient* or outpatient* or patient*) near/5 (cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www)):ti or ((client* or consumer* or inpatient* or outpatient* or patient*) near/5 (cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or "mobile device*" or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www)):ab

#38 (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((chroni* or excessiv*) near/2 sweat*) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*") near/3 (package* or program*):ti or (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((chroni* or excessiv*) near/2 sweat*) or ((mute* or mutism) near/2 (elective* or selective*)) or (("negative evaluation" or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or ((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder" or (phobi* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*") near/3 (package* or program*):ab

#39 (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) near/2 fear*) or (fear* near/4 ("air travel" or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or "specific fear*") near/3 (package or program*):ti or (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute or chronic* or extreme* or intense or irrational* or persistent* or serious) near/2 fear*) or (fear* near/4 ("air travel" or animal* or blood* or buses or ((closed or public) near/2 space*) or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or "specific fear*") near/3 (package or program*):ab

#40 (btstep* or "bt step*" or ocfighter or "oc fighter" or caccbt or ccbt or "c cbt" or "glasgow

steps" or ("living life" near/2 full) or netcope or "net cope" or "overcoming depression" or "panic online" or positivestep or "positive step"):ti or (btstep* or "bt step*" or ocfighter or "oc fighter" or caccbt or ccbt or "c cbt" or "glasgow steps" or ("living life" near/2 full) or netcope or "net cope" or "overcoming depression" or "panic online" or positivestep or "positive step"):ab

#41 (#31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40)

#42 (#30 or #41)

#43 ((beating near/2 blues) or (fearfighter or fear fighter or ffeducation or "ff education" or standaloneff or "standalone ff" or internetff or "internet ff" or nettff or "nett ff") or (moodgym or "mood gym") or ("overcoming anxiety" or ("overcoming panic" near/2 agoraphobia) or ("overcoming social anxiety" near/1 shyness)) or (restoring near/2 balance)):ti or ((beating near/2 blues) or (fearfighter or fear fighter or ffeducation or "ff education" or standaloneff or "standalone ff" or internetff or "internet ff" or nettff or "nett ff") or (moodgym or "mood gym") or ("overcoming anxiety" or ("overcoming panic" near/2 agoraphobia) or ("overcoming social anxiety" near/1 shyness)) or (restoring near/2 balance)):ab

#44 (#42 or #43)

4 Study design filters – general mainstream databases

4.1 HE/QoL filter

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	budget/ or exp economic evaluation/ or exp fee/ or funding/ or exp health care cost/ or health economics/ or exp pharmacoeconomics/ or resource allocation/
2	1 use emez
3	exp budgets/ or exp "costs and cost analysis"/ or economics/ or exp economics, hospital/ or exp economics, medical/ or economics, nursing/ or economics, pharmaceutical/ or exp "fees and charges"/ or exp resource allocation/ or value of life/
4	3 use mesz
5	exp "costs and cost analysis"/ or "cost containment"/ or economics/ or finance/ or funding/ or health care economics/ or pharmacoeconomics/ or exp professional fees/ or resource allocation/
6	5 use psyh
7	(cost$ or economic$ or pharmacoeconomic$ or pharmaco economic$).ti. or (cost$ adj2 (effective$ or utilit$ or benefit$ or minimi$)).ab. or economic model$.tw. or (budget$ or fee or fees or financ$ or price or prices or pricing or resource$ allocat$ or (value adj2 (monetary or money))).ti,ab.
8	decision theory/ or decision tree/ or monte carlo method/ or *nonbiological model/ or (statistical model/ and exp economic aspect/) or stochastic model/ or *theoretical model/
9	8 use emez
10	exp decision theory/ or markov chains/ or exp models, economic/ or *models, organizational/ or *models, theoretical/ or monte carlo method/
11	10 use mesz
12	exp decision theory/ or exp stochastic modeling/
13	12 use psyh
14	((decision adj (analy$ or model$ or tree$)) or economic model$ or markov or monte carlo).ti,ab.
15	quality adjusted life year/ or "quality of life index"/ or short form 12/ or short form 20/ or short form 36/ or short form 8/ or sickness impact profile/

16	15 use emez
17	quality-adjusted life years/ or sickness impact profile/
18	17 use mesz
19	"*quality of life"/
20	19 use psyh
21	(((disability or quality) adj adjusted) or (adjusted adj2 life)).ti,ab.
22	(disutili$ or (utilit$ adj1 (health or score$ or value$ or weigh$))).ti,ab.
23	(health year equivalent or hye or hyes).ti,ab.
24	(daly or qal or qald or qale or qaly or qtime$ or qwb$).ti,ab.
25	discrete choice.ti,ab.
26	(euroqol$ or euro qol$ or eq5d$ or eq 5d$).ti,ab.
27	(hui or hui1 or hui2 or hui3).ti,ab.
28	((quality adj2 (wellbeing or well being)) or quality adjusted life or qwb or (value adj2 (money or monetary))).ti,ab.
29	(qol or hql$ or hqol$or h qol$ or hrqol or hr qol or hr ql or hrql).ti,ab.
30	rosser.ti,ab.
31	sickness impact profile.ti,ab.
32	(standard gamble or time trade$ or tto or willingness to pay).ti,ab.
33	(sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
34	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab.
35	(sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
36	(sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab
37	(sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.
38	or/ 2,4,6-7,9,11,13-14,16,18,20-37

APPENDIX 9: METHODOLOGY CHECKLIST FOR ECONOMIC STUDIES

The applicability and methodological quality of each economic evaluation was evaluated using a checklist constructed by NICE, reproduced below. For information about how to complete the checklist, see *The Guidelines Manual* [NICE, 2009].

Study identification *Including author, title, reference, year of publication*			
Guideline topic:			
Section 1: Applicability (relevance to specific guideline review question(s) and the NICE reference case). This checklist should be used first to filter out irrelevant studies.		**Yes/ Partly/ No/Unclear /NA**	**Comments**
1.1	Is the study population appropriate for the guideline?		
1.2	Are the interventions appropriate for the guideline?		
1.3	Is the healthcare system in which the study was conducted sufficiently similar to the current UK NHS context?		
1.4	Are costs measured from the NHS and personal social services (PSS) perspective?		
1.5	Are all direct health effects on individuals included?		
1.6	Are both costs and health effects discounted at an annual rate of 3.5%?		
1.7	Is the value of health effects expressed in terms of quality-adjusted life years (QALYs)?		
1.8	Are changes in health-related quality of life (HRQoL) reported directly from patients and/or carers?		
1.9	Is the valuation of changes in HRQoL (utilities) obtained from a representative sample of the general public?		
1.10	Overall judgement: Directly applicable/Partially applicable/Not applicable There is no need to use section 2 of the checklist if the study is considered 'not applicable'.		
Other comments:			

Section 2: Study limitations (the level of methodological quality) This checklist should be used once it has been decided that the study is sufficiently applicable to the context of the clinical guideline.		**Yes/ Partly/ No/Unclear /NA**	**Comments**
2.1	Does the model structure adequately reflect the nature of the health condition under evaluation?		
2.2	Is the time horizon sufficiently long to reflect all important differences in costs and outcomes?		
2.3	Are all important and relevant health outcomes included?		
2.4	Are the estimates of baseline health outcomes from the best available source?		
2.5	Are the estimates of relative treatment effects from the best available source?		
2.6	Are all important and relevant costs included?		
2.7	Are the estimates of resource use from the best available source?		
2.8	Are the unit costs of resources from the best available source?		
2.9	Is an appropriate incremental analysis presented or can it be calculated from the data?		
2.10	Are all important parameters whose values are uncertain subjected to appropriate sensitivity analysis?		
2.11	Is there no potential conflict of interest?		
2.12	Overall assessment: Minor limitations/Potentially serious limitations/Very serious limitations		
Other comments:			

APPENDIX 10: RESEARCH RECOMMENDATIONS

The Guideline Development Group has made the following recommendations for research, based on its review of evidence, to improve NICE guidance and patient care in the future.

1.1 ADULTS' UPTAKE OF AND ENGAGEMENT WITH INTERVENTIONS FOR SOCIAL ANXIETY DISORDER

What methods are effective in improving uptake of and engagement with interventions for adults with social anxiety disorder?

Why this is important

Effective interventions exist for social anxiety disorder but access to and uptake of services is limited and over 50% of people with social anxiety disorder never receive treatment; of those who do receive treatment many wait 10 years or more for it. This question should be addressed by a programme of work that tests a number of strategies to improve uptake and engagement, including:
Development and evaluation of improved pathways into care, in collaboration with low users of services, through a series of cohort studies with the outcomes including increased uptake of and retention in services.
Adapting the delivery of existing interventions for social anxiety disorder in collaboration with service users. Adaptations could include changes to the settings for, methods of delivery of, or staff delivering the interventions. These interventions should be tested in a randomised controlled trial (RCT) design that reports short- and medium-term outcomes (including cost effectiveness) of at least 18 months' duration.

1.2 SPECIFIC VERSUS GENERIC CBT FOR CHILDREN AND YOUNG PEOPLE WITH SOCIAL ANXIETY DISORDER

What is the clinical and cost effectiveness of specific CBT for children and young people with social anxiety disorder compared with generic anxiety-focused CBT?

Why this is important

Children and young people with social anxiety disorder have commonly been treated with psychological interventions that cover a broad range of anxiety disorders, rather than being specifically focused on social anxiety disorder. This approach may be considered to be easier and cheaper to deliver, but emerging evidence suggests that children and young people with social anxiety disorder may do less well with these generic treatments than those with other anxiety disorders. There have, however, been no direct comparisons of treatment outcomes for children

with social anxiety disorder treated with generic compared with social anxiety-specific treatment programmes.
This question should be answered using an RCT design, reporting short- and medium-term outcomes (including cost-effectiveness) with a follow-up of at least 12 months. The outcomes should be assessed by structured clinical interviews, parent- and self-report, on validated questionnaires, and objective behavioural measures. The study needs to be large enough to determine the presence of clinically important effects, and mediators and moderators (in particular child/young person age) should be investigated.

1.3 INVOLVING PARENTS IN THE TREATMENT OF CHILDREN AND YOUNG PEOPLE WITH SOCIAL ANXIETY DISORDER

What is the clinical and cost effectiveness of involving parents in the treatment of children and young people with social anxiety disorder?

Why this is important

Parental mental health difficulties and parenting practices have been linked with the development and maintenance of social anxiety disorder in children and young people. This suggests that interventions targeting these parental factors may improve treatment outcomes. However, interventions for children and young people with social anxiety disorder have varied widely in the extent and manner in which parents are involved in treatment and the benefit of including parents in interventions has not been established.
This question should be addressed in two stages:
1. An intervention to target parental factors should be developed based on a systematic review of the literature and in collaboration with service users.
2. The clinical and cost effectiveness of the intervention should be tested using an RCT design, comparing standard care (for example, group CBT) with care enhanced by a targeted parental component. It should report short- and medium-term outcomes (including cost-effectiveness) with a follow-up of at least 12 months. The outcomes should be assessed by structured clinical interviews, parent- and self-report on validated questionnaires, and objective behavioural measures. The study needs to be large enough to determine the presence of clinically important effects, and mediators and moderators (in particular the child or young person's age) should be investigated.

1.4 INDIVIDUAL VERSUS GROUP CBT FOR CHILDREN AND YOUNG PEOPLE WITH SOCIAL ANXIETY DISORDER

What is the clinical and cost effectiveness of individual and group CBT for children and young people with social anxiety disorder?

Why this is important

The majority of systematic evaluations of interventions for social anxiety disorder in children and young people have taken a group approach. Studies with adult populations, however, indicate that individually-delivered treatments are associated with better treatment outcomes and are more cost effective.

This question should be addressed using an RCT design comparing the clinical and cost effectiveness of individual and group-based treatments for children and young people with social anxiety disorder. It should report short- and medium-term outcomes (including cost-effectiveness) with a follow-up of at least 12 months. The outcomes should be assessed by structured clinical interviews, parent- and self-report on validated questionnaires and objective behavioural measures. The study needs to be large enough to determine the presence of clinically important effects, and mediators and moderators (in particular child or young person's age and contextual factors) should be investigated.

1.5 COMBINED INTERVENTIONS FOR ADULTS WITH SOCIAL ANXIETY DISORDER

What is the clinical and cost effectiveness of combined psychological and pharmacological interventions compared with either intervention alone in the treatment of adults with social anxiety disorder?

Why this is important

There is evidence for the effectiveness of both CBT and medication, in particular SSRIs, in the treatment of social anxiety disorder. However, little is known about the effects of combined pharmacological and psychological interventions despite their widespread use. Understanding the costs and benefits of combined treatment could lead to more effective and targeted combinations if they prove to be more effective than single treatments. The study will also provide important information on the long-term benefits of medication.

This question should be addressed in a large-scale three-arm RCT design, comparing the clinical and cost effectiveness of combined individual CBT and SSRI treatment with individual CBT or an SSRI alone. Trial participants receiving medication should be offered it for 1 year. The study should report short- and medium-term outcomes (including cost-effectiveness) with a follow-up of at least 24 months. The primary outcome should be recovery, with important secondary outcomes being retention in treatment, experience and side effects of medication and social and personal functioning. The study needs to be large enough to determine the presence of clinically important effects, and mediators and moderators should be investigated.

1.6 ADDITIONAL INTERVENTIONS FOR ADULTS WHOSE SOCIAL ANXIETY DISORDER HAS NOT RESPONDED TO INDIVIDUAL CBT

What is the clinical and cost effectiveness of additional psychological and pharmacological interventions in the treatment of adults with social anxiety disorder who have not recovered when treated with individual CBT?

Why this is important

Individual CBT is probably the most cost-effective intervention for adults with social anxiety disorder but short-term psychodynamic psychotherapy and SSRIs are also effective treatments. However, even with individual CBT, 30 to 40% of people may not recover. In clinical practice such individuals may be offered or seek alternative treatments including other psychological interventions and medication. Currently there is no high quality evidence available to inform service users or clinicians about which of the alternative treatments may be most helpful. Understanding the costs and benefits of the use of additional treatments could lead to more effective sequencing of interventions and more cost effective use of NHS resources.
This question should be addressed in a large-scale two-arm RCT design, comparing the clinical and cost effectiveness of short-term psychodynamic psychotherapy and an SSRI in people whose social anxiety disorder has not recovered from an adequate course of individual CBT. It should report short- and medium-term outcomes (including cost-effectiveness) with a follow-up of at least 30 months. The primary outcome should be recovery, with important secondary outcomes being retention in treatment, experience and side effects of medication and social and personal functioning. The study needs to be large enough to determine the presence of clinically important effects, and mediators and moderators should be investigated.