**Appendix 1**

**Table 1: Search terms used in evidence charting searches.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mental health services AND | | | | |
| AB ( (mental health N2 care) OR (mental N2 healthcare) OR (mental health N2 service\*) OR (CAMHS) OR (mental health problem\*) OR TI ( (mental health N2 care) OR (mental N2 healthcare) OR (mental health N2 service\*) OR (CAMHS) OR (mental health problem\*) | | | | |
| Children and adolescents AND | | | | |
| AB ( child\* OR adolescen\* OR teen\* OR young people OR young person\* OR minor\* OR youth\* OR infan\*) OR TI ( child\* OR adolescen\* OR teen\* OR young people OR young person\* OR minor\* OR youth\* OR infan\*) | | | | |
| Key priorities | | | | |
| Prevention and promotion:  AB (prevent\* OR health promot\* OR educat\* OR inform\* OR engage\* OR teach\* OR aware\* ) OR TI ( prevent\* OR health promot\* OR educat\* OR inform\* OR engage\* OR teach\* OR aware\* ) OR (MH "Primary Prevention+") OR (MH "Health Promotion+") | **Screening and identification:**  AB ( identif\* OR screening OR detect\* OR (early N3 (identification OR intervention)) OR initial assessment ) OR TI ( identif\* OR screening OR detect\* OR (early N3 (identification OR intervention)) OR initial assessment ) OR (MH "Early Intervention (Education)") | **Access to CAMHS:**  AB (access\* OR referr\* OR (open access) or (referral based) or (wait\* time\*) ) OR TI ( access\* OR referr\* OR (open access) or (referral based) or (wait\* time\*) ) OR (MH "Health Services Accessibility+") | **Provision of CAMHS:**  AB ((therapeutic alliance) OR (service\* N2 (provision OR deliver\* OR design\*)) OR ((integrated OR coordinated OR co-located ) N2 service\*) OR (continuity of care) OR liaison OR advocacy OR TI (therapeutic alliance) OR (service\* N2 (provision OR deliver\* OR design\*)) OR ((integrated OR coordinated OR co-located ) N2 service\*) OR (continuity of care) OR liaison OR advocacy | **Service evaluation and improvement:**  ((quality N3 (assess\* OR indicator\* OR improv\* OR standard\* OR assur\* OR care)) OR ((user\* OR patient\*) AND feedback) OR TI ((quality N3 (assess\* OR indicator\* OR improv\* OR standard\* OR assur\* OR care)) OR ((user\* OR patient\*) AND feedback) OR (MH "Quality of Health Care+") OR (MH "Quality Assurance, Health Care+") OR (MH "Quality Indicators, Health Care") |

**Table 2: Initial inclusion/exclusion criteria for evidence charting searches**

|  |  |
| --- | --- |
|  | Exclude if: |
| 1 | Not written in English. |
| 2 | Published before January 1990. |
| 3 | Not empirical, not evidence based, not reviews of other studies or not a policy document/guideline (exclude commentaries, letters, book reviews). |
| 4 | Not directly or indirectly focused on mental health service users age 0-25 years (i.e. studies with parents/carers of mental health service users, service providers will be included). |
| 5 | No focus on mental health or mental disorders. |
| 6 | Services are not delivered in community settings |
| 7 | Describes children and adolescents mental health services in developing countries (according to World Economic Situation and Prospects 2015). |

**Table 3: Results of evidence charting search**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Area of CAMHS provision | Total abstracts retrieved | Of 2000 most relevant abstracts: | | Specific areas identified |
| **Abstracts included** | **Abstracts excluded** |
| Prevention and promotion of MH and wellbeing | 11399 | 105 | 1895 | Community based prevention  School based prevention  Suicide prevention  Substance abuse prevention  Education and rising awareness  Web-based interventions  Literature reviews  Policy and guidelines |
| Identification | 7628 | 123 | 1877 | Early intervention  Screening tools  School based screening  Screening in healthcare settings  Literature reviews  Policy and guidelines |
| Access to CAMHS | 5103 | 118 | 1822 | Access/referrals (general)  Improving access  Barriers for access/referral  Users’ experience  Waiting times  Pathways  Literature reviews |
| Provision of CAMHS | 1495 | 160 | 1885 | Service delivery models  Integrated/comprehensive services  Development/redesign/implementation  Service evaluation  Advocacy  Therapeutic alliance |
| Service evaluation and improvement | 1495 | 160 | 1335 | Quality indicators/service evaluation  Quality improvement initiatives  Users’ experience/satisfaction  Outcome monitoring |

**Table 4: Search terms used in final SLR searches**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Mental health services AND | | | | | |
| AB ( (mental health N2 care) OR (mental N2 healthcare) OR (mental health N2 service\*) OR (CAMHS) OR (mental health problem\*) OR (mental\* N3 (health OR ill\*)) OR TI ( (mental health N2 care) OR (mental N2 healthcare) OR (mental health N2 service\*) OR (CAMHS) OR (mental health problem\*) OR (mental\* N3 (health OR ill\*)) | | | | | |
| Children and adolescents AND | | | | | |
| AB ( child\* OR adolescen\* OR teen\* OR young people OR young person\* OR minor\* OR youth\* OR infan\*) OR TI ( child\* OR adolescen\* OR teen\* OR young people OR young person\* OR minor\* OR youth\* OR infan\*) | | | | | |
| Prevention and promotion | | | | | |
| School based prevention: AB ( (classroom-based N3 (prevent\* OR promot\*)) OR ((prevent\* OR promot\*) N3 school\*) ) OR TI ( (classroom-based N3 (prevent\* OR promot\*)) OR ((prevent\* OR promot\*) N3 school\*) ) | | **Education and rising awareness:** AB (educat\* OR aware\* OR attitude\* OR literacy OR inform\*) OR TI (educat\* OR aware\* OR attitude\* OR literacy OR inform\*) | | **Suicide prevention**: AB (“suicide prevention” N3 programme) OR suicidal OR TI (“suicide prevention” N3 programme) OR suicidal | |
| Screening and identification | | | | | |
| School based screening: AB (school\* N2 (screening OR identif\* OR detect\* OR assess\*)) OR TI (school\* N2 (screening OR identif\* OR detect\* OR assess\*)) | | **Screening in healthcare settings**: AB ( paediatric\* OR pediatric\* OR (primary care) OR GP OR (general practi\*) OR (family practi\*) OR (emergency department) OR A&E ) OR TI ( paediatric\* OR pediatric\* OR (primary care) OR GP OR (general practi\*) OR (family practi\*) OR (emergency department) OR A&E ) | | **Screening tools:** AB ( child\* OR adolescen\* OR teen\* OR young people OR young person\* OR minor\* OR youth\* OR infan\* ) OR TI ( child\* OR adolescen\* OR teen\* OR young people OR young person\* OR minor\* OR youth\* OR infan\* ) | |
| Access to CAMHS | | | | | |
| Barriers for access and referral: AB ( (barrier\* OR problem\* OR delay\*) N3 (access\* OR referr\* OR engage\* OR utili\*) ) OR TI ( (barrier\* OR problem\* OR delay\*) N3 (access\* OR referr\* OR engage\* OR utili\*) ) | | **Wait times:** AB ( (wait\* N3 (time\* OR list)) OR (access time\*) ) OR TI ( (wait\* N3 (time\* OR list)) OR (access time\*)) | | **Improving access:** AB ( ((improv\* OR enhanc\*) N3 (access\* OR refer\* OR engag\*)) ) OR TI ( ((improv\* OR enhanc\*) N3 (access\* OR refer\* OR engag\*)) ) | |
| Provision of CAMHS | | | | | |
| Service delivery models: AB ( model\* OR system\* OR deliver\* ) OR TI ( model\* OR system\* or deliver\* ) | | **Integrated/comprehensive services:** AB ( (integrate\* OR coordinate\* OR co-locate\* OR comprehensive) ) OR TI ( (integrate\* OR coordinate\* OR co-locate\* OR comprehensive) ) | | **Technology enabled MH interventions:** AB (((web based OR web-based OR online OR website\* OR internet OR internet-based OR mobile OR phone\* OR smartphone\* OR computer\*) N4 (intervention\* OR programme\* OR program\* OR application\* OR app\* OR app-based OR technolog\*)) OR e-health OR m-health) OR TI (((web based OR web-based OR online OR website\* OR internet OR internet-based OR mobile OR phone\* OR smartphone\* OR computer\*) N4 (intervention\* OR programme\* OR program\* OR application\* OR app\* OR app-based OR technolog\*)) OR e-health OR m-health) | |
| Service evaluation and improvement | | | | | |
| Service redesign and implementation: AB ( (service N3 (design\* OR redesign\* or re-design\* OR chang\*)) OR (implement\* N3 (process\* OR framework\* OR theor\* OR model\*)) OR (chang\* AND process\*) ) OR TI ( (service N3 (design\* OR redesign\* or re-design\* OR chang\*)) OR (implement\* N3 (process\* OR framework\* OR theor\* OR model\*)) OR (chang\* AND process\*) ) | **Quality indicators:** AB ( (quality AND (assess\* OR indicator\* OR standard\* OR assur\* OR improv\* OR measur\*)) ) OR TI ( (quality AND (assess\* OR indicator\* OR standard\* OR assur\* OR improv\* OR measur\*)) ) | | **Outcome monitoring:** AB (( outcome\* AND measure\* OR monitor\* OR domain\*) OR (self-report AND measure\* OR outcome\*)) OR TI (( outcome\* AND measure\* OR monitor\* OR domain\*) OR (self-report AND measure\* OR outcome\*)) | | **Users experience/satisfaction:** AB ( ((user\* OR patient\* OR parent\* OR carer\*) AND (experienc\* OR feedback OR satisfy\*OR opinion\* OR perc\* OR view\* OR perspective\*)) ) OR TI ( ((user\* OR patient\* OR parent\* OR carer\*) AND (experienc\* OR feedback OR satisfy\*OR opinion\* OR perc\* OR view\* OR perspective\*)) ) |