

**Supplementary Document 1. Database Search Strategies****Number of databases searched: 7**

Medline (Ovid)  
 Embase (Ovid)  
 PsycINFO (Ovid)  
 Social Policy & Practice (Ovid)  
 CINAHL Plus (EBSCO)  
 Cochrane Library  
 Web of Science (Clarivate)

**Search limits:** 2011-current; English language; UK only

Note: We used 2020 date in the Medline search strategy because Medline includes a small number of in-process citations ahead of publication date (Medline in-Process & Other Non-indexed Citations).

Literature search strategy used for **Medline** (search run on 25.11.19) is attached below. Additional search strategies available from the authors.

1	exp Autism Spectrum Disorder/di, ep, th [Diagnosis, Epidemiology, Therapy]	10929
2	(autism spectrum disorder* or ASD or autism).ti,kw.	23890
3	(asperger* syndrome or asperger*).ti,kw.	1150
4	1 or 2 or 3	27668
5	adolescent/ or child/ or child, preschool/	2937612
6	(child or children* or pre-school child* or adolescent*).kw.	70707
7	5 or 6	2940479
8	4 and 7	19625
9	Community Mental Health Services/	18302
10	("child and adolescent mental health service*" or "child & adolescent mental health service*" or CAMHS).ti,ab,kw.	491
11	("child and adolescent mental health team*" or child mental health service*).ti,ab.	149
12	child development clinic*.ti,ab.	39
13	9 or 10 or 11 or 12	18873
14	8 and 13	69
15	Diagnostic Services/	1916
16	(diagnostic service model* or diagnostic assessment model* or diagnostic assessment or diagnostic process).ti,ab.	6616
17	(diagnostic pathway* or diagnostic evaluation or referral pathway*).ti,ab.	8902
18	early diagnosis/ or early intervention/	28062
19	"Referral and Consultation"/	64435

20	Critical Pathways/	6455
21	((multidisciplinary or multi-disciplinary or interprofessional or inter-professional or intraprofessional or intra-professional or interdisciplinary or inter-disciplinary) adj team*).ti,ab.	18640
22	"delivery of health care, integrated"/ or health services accessibility/ or patient care team/	143724
23	Professional-Family Relations/	14480
24	(service delivery or diagnostic experience*).ti,ab.	10451
25	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24	283159
26	8 and 25	1254
27	(cost-effectiveness or evaluation).ti,ab.	1027879
28	Efficiency, Organizational/ or Efficiency/	34521
29	evaluation studies as topic/ or program evaluation/ or validation studies as topic/	183858
30	"quality of health care"/ or "outcome and process assessment (health care)"/	95758
31	Waiting Lists/ or Time Factors/	1175790
32	(family experience or parent experience).ti,ab.	365
33	27 or 28 or 29 or 30 or 31 or 32	2377747
34	14 or 26	1295
35	limit 34 to (english language and yr="2011 - 2020")	738
36	33 and 34	256
37	limit 36 to (english language and yr="2011 - 2020")	141
38	remove duplicates from 35	<b>736</b>