

Additional file 1: Scoping review additional methods

A: Scoping review search strategy

Date all searches run: 9 December 2022

Database	Search terms
Medline	<p>1 "Attention Deficit and Disruptive Behavior Disorders"/ or Attention Deficit Disorder with Hyperactivity/ 2 ((attenti* or disrupt*) adj3 (adolescent* or adult* or behav* or child* or class or classes or classroom* or condition* or difficult* or disorder* or learn* or people or person* or poor or problem* or process* or youngster*)),ti. 3 ((attenti* or disrupt*) adj3 disorder*).ab. 4 (adhd or addh or ad hd or ad??hd).ti,ab. 5 (attenti* adj3 deficit*).ti,ab. 6 (((hyperkin* or hyper kin*) adj1 (syndrome* or disorder*)) or hkd).ti,ab. 7 (minimal brain adj2 (dysfunct* or disorder*)),ti,ab. 8 1 or 2 or 3 or 4 or 5 or 6 or 7 9 Adolescent/ or Adolescent Health Services/ 10 Child/ or Child Health Services/ 11 Young Adult/ 12 (child* or adolescent* or teenager* or young adult or young person).ti,ab. 13 9 or 10 or 11 or 12 14 Mobile Applications/ 15 exp Internet/ 16 Therapy, Computer-Assisted/ 17 (app or apps or application).ti,ab. 18 (online or web or internet or digital*).ti. 19 ((online or web or internet or digital*) adj3 (based or application* or intervention* or program* or therap*)),ab. 20 (phone* or telephone* or smartphone* or cellphone* or smartwatch*).ti. 21 ((phone* or telephone* or smartphone* or cellphone* or smartwatch*) adj3 (based or application* or intervention* or program* or therap*)),ab. 22 (mobile health or mhealth or m-health or ehealth or e-health or emental or e-mental).ti. 23 ((mobile health or mhealth or m-health or ehealth or e-health or emental or e-mental) adj3 (based or application* or intervention* or program* or therap*)),ab. 24 (mobile* adj3 (based or application* or intervention* or device* or technolog*)),ti,ab. 25 ((digital or online or internet or web*) adj4 (information or resource* or source* or toolkit* or tool-kit* or interactive*)),ab. 26 ((video* or multimedia or audiovisual* or youtube) adj4 (information or resource*)),ti,ab. 27 Consumer Health Information/ 28 Social Media/ 29 internet/ or internet-based intervention/ 30 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 or 29 31 8 and 13 and 30 32 limit 31 to (english language and humans)</p>
Embase	<p>1 attention deficit hyperactivity disorder/</p>

	<p>2 ((attenti* or disrupt*) adj3 (adolescent* or adult* or behav* or child* or class or classes or classroom* or condition* or difficult* or disorder* or learn* or people or person* or poor or problem* or process* or youngster*).ti.</p> <p>3 ((attenti* or disrupt*) adj3 disorder*).ab.</p> <p>4 (adhd or addh or ad hd or ad??hd).ti,ab.</p> <p>5 (attenti* adj3 deficit*).ti,ab.</p> <p>6 (((hyperkin* or hyper kin*) adj1 (syndrome* or disorder*)) or hkd).ti,ab.</p> <p>7 (minimal brain adj2 (dysfunct* or disorder*).ti,ab.</p> <p>8 1 or 2 or 3 or 4 or 5 or 6 or 7</p> <p>9 adolescent/</p> <p>10 child/</p> <p>11 young adult/</p> <p>12 (child* or adolescent* or teenager* or young adult or young person).ti,ab.</p> <p>13 9 or 10 or 11 or 12</p> <p>14 exp mobile application/</p> <p>15 exp internet/</p> <p>16 computer assisted therapy/</p> <p>17 (app or apps or application).ti,ab.</p> <p>18 (online or web or internet or digital*).ti.</p> <p>19 ((online or web or internet or digital*) adj3 (based or application* or intervention* or program* or therap*).ab. 98623</p> <p>20 (phone* or telephone* or smartphone* or cellphone* or smartwatch*).ti.</p> <p>21 ((phone* or telephone* or smartphone* or cellphone* or smartwatch*) adj3 (based or application* or intervention* or program* or therap*).ab.</p> <p>22 (mobile health or mhealth or m-health or ehealth or e-health or emental or e-mental).ti.</p> <p>23 ((mobile health or mhealth or m-health or ehealth or e-health or emental or e-mental) adj3 (based or application* or intervention* or program* or therap*).ab.</p> <p>24 (mobile* adj3 (based or application* or intervention* or device* or technolog*).ti,ab.</p> <p>25 consumer health information/</p> <p>26 audiovisual aid/</p> <p>27 social media/</p> <p>28 internet/ or web-based intervention/</p> <p>29 ((digital or online or internet or web*) adj4 (information or resource* or source* or toolkit* or tool-kit* or interactive*).ab.</p> <p>30 ((video* or multimedia or audiovisual* or youtube) adj4 (information or resource* or story or stories)).ti,ab.</p> <p>31 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 or 29 or 30</p> <p>32 8 and 13 and 31</p> <p>33 limit 32 to (human and English language)</p>
Cochrane Library	<p>1 MeSH descriptor: [Attention Deficit and Disruptive Behavior Disorders] this term only</p> <p>2 MeSH descriptor: [Attention Deficit Disorder with Hyperactivity] explode all trees</p>

3	((attenti* or disrupt*) near/3 (adolescent* or adult* or behav* or child* or class or classes or classroom* or condition* or difficult* or disorder* or learn* or people or person* or poor or problem* or process* or youngster*)):ti
4	((attenti* or disrupt*) near/3 disorder*):ab
5	(adhd or addh or ad hd or ad??hd):ti,ab
6	(attenti* near/3 deficit*):ti,ab
7	1 or 2 or 3 or 4 or 5 or 6
8	MeSH descriptor: [Child] this term only
9	MeSH descriptor: [Adolescent Health Services] this term only
10	MeSH descriptor: [Adolescent] this term only
11	MeSH descriptor: [Young Adult] this term only
12	(child* or adolescent* or teenager* or young person or young people):ti,ab
13	8 or 9 or 10 or 11 or 12
14	MeSH descriptor: [Mobile Applications] explode all trees
15	MeSH descriptor: [Internet] explode all trees
16	MeSH descriptor: [Therapy, Computer-Assisted] explode all trees
17	(app or apps):ti,ab
18	(online or web or internet or digital*):ti
19	((online or web or internet or digital*) near/3 (based or application* or intervention* or program* or therap*)):ab
20	(phone* or telephone* or smartphone* or cellphone* or smartwatch*):ti
21	((phone* or telephone* or smartphone* or cellphone* or smartwatch*) near/3 (based or application* or intervention* or program* or therap*)):ab
22	(mobile health or mhealth or m-health or ehealth or e-health or emental or e-mental):ti
23	((mobile health or mhealth or m-health or ehealth or e-health or emental or e-mental) near/3 (based or application* or intervention* or program* or therap*)):ab
24	(mobile* near/3 (based or application* or intervention* or device* or technolog*)):ti,ab
25	((digital or online or internet or web*) near/4 (information or resource* or source* or toolkit* or tool-kit* or interactive*)):ab
26	((video* or multimedia or audiovisual* or youtube) near/4 (information or resource* or story or stories)):ti,ab
27	MeSH descriptor: [Consumer Health Information] explode all trees
28	MeSH descriptor: [Audiovisual Aids] explode all trees
29	MeSH descriptor: [Social Media] explode all trees
30	MeSH descriptor: [Internet] explode all trees
31	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 or 29 or 30
32	7 and 13 and 31

B: Scoping review inclusion and exclusion criteria

Inclusion	Exclusion
Measures effectiveness of intervention on sample with ADHD or sample who experience symptoms of ADHD	Neuro-feedback or bio-feedback interventions

Sample includes participants aged 16-25 years old	Parent or parent-child/family interventions
Intervention is delivered online or using digital technology	Intervention is delivered by a practitioner, teacher, or parent
Intervention is self-administered	Diagnostic/assessment tools
Any country or healthcare setting	Secondary data analysis
Research uses primary data	Not published in peer-reviewed journal
Published in peer reviewed journal	Not available in English language
English language only	Does not contain description of the intervention (or does not have associated protocol/paper with description of intervention)
Study contains description of intervention	
Can include pilot/feasibility trials	

C: PRISMA flow diagram for scoping review

