**S4 Table. Number of events per trial and treatment comparison for response, all-cause discontinuation, tolerability and serious AEs.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Trial name, year** | **Treatment comparisons** | **Treatment response** | **All-cause discontinuation** | **Tolerability** | **Serious adverse events** |
| Gittelman-Klein et al., 19761 | Stimulant (MPH-SA); Antipsychotic (THIO); Stimulant+antipsychotic (MPH-SA+THIO); Placebo | CGI-I Clinician: 26/41; 8/41; 24/42; 5/42CGI-I Parents: 24/41; 16/41; 30/42; 9/42CGI-I Teacher: 23/41; 17/41; 26/42; 3/42 | 2/41; 5/41; 3/42; 1/42 | 1/41; 3/41; 3/42; 0/42 | - |
| Firestone et al., 19862 | Stimulant (MPH-SA); BT (parent training); Stimulant+BT (MPH-SA+parent training) | - | 12/30; 8/21; 10/22 | - | - |
| Casat et al., 19873,4 | Antidepressant (BUP); Placebo | - | 1/20; 1/10 | 1/20; 0/10 | - |
| Kupietz et al., 19885 | Stimulant (MPH-SA); Placebo | - | 7/42; 4/16 | - | - |
| Biederman et al., 19896,7 | Antidepressant (DESIP); Placebo | CGI-I Clinician: 21/37; 3/36CGI-S Clinician: 11/37; 3/36Conners’ Parents: 13/37; 4/36 | 6/37; 5/36 | 1/37; 0/36 | - |
| Egger et al., 19928 | Restricted elimination diet (oligoantigenic diet); Placebo | - | 2/20; 1/20 | - | - |
| Gunning 19929 | Stimulant (MPH-SA); Non-stimulant α-2 agonist (CLON-SA); Placebo | CGI Clinician: 12/24; 16/42; 8/43 | 0/24; 0/42; 1/43 | - | - |
| Pisterman 199210 | BT (parent training); Waiting list | CGI Parents: 15/28; 6/29 | 5/28; 7/29 | - | - |
| Buitelaar et al., 199611 | Stimulant (MPH-SA); β-blocker (PINDO); Placebo | - | - | - | - |
| Conners et al., 199612 | Antidepressant (BUP); Placebo | - | 8/72; 2/37 | 4/72; 0/37 | - |
| Schachar et al., 199713 | Stimulant+BT (MPH-SA+parent training); BT (parent training)  | - | 9/46; 16/45 | 5/46; 1/45 | - |
| Klein and Abikoff, 199714 | Stimulant (MPH-SA); BT (parent and teacher training); Stimulant+BT (MPH-SA+parent and teacher training) | CGI-I Clinician: 23/30; 14/29; 28/30CGI-I Parents: 22/30; 18/29; 27/30CGI-I Teacher: 20/30; 18/29; 27/30 | 1/30; 1/29; 1/30 | 1/30; 0/29; 0/30 | - |
| Van der Meere et al., 199915 | Stimulant (MPH-SA); Non-stimulant α-2 agonist (CLON-SA); Placebo | CGI Parents/teachers: 10/18; 8/17; 2/18 | - | - | - |
| MTA Cooperative, 199916-19 | Stimulant (MPH-SA); BT (child, parent and teacher training); Stimulant+BT (MPH-SA+child, parent and teacher training); Standard care | SNAP Parents/teachers (36w):77/144; 40/144; 91/145; 34/146SNAP Parents/teachers (56w):81/144; 49/144; 99/145; 37/146 | 8/144; 3/144; 3/145; 6/146 | - | - |
| Connor et al., 200020 | Stimulant (MPH-SA); Non-stimulant α-2 agonist (CLON-SA); Stimulant (MPH-SA) + non-stimulant α-2 agonist (CLON-SA) | - | 1/8; 2/8; 0/8 | - | - |
| Pliszka et al., 200021 | Stimulant (MPH-SA); Stimulant (MIX-AMPH); Placebo | CGI-I Clinician: 13/20; 18/20; 5/18 | 1/20; 2/20; 2/18 | 1/20; 2/20; 0/18 | - |
| Prince et al., 200022 | Antidepressant (NT); Placebo | CGI-I Clinician: 8/12; 2/11 | - | - | - |
| Michelson et al., 200123-25 | Non-stimulant (ATX); Placebo | - | 37/213; 12/84 | 7/213; 0/84 | 4/213; 1/84 |
| Scahill et al., 200126 | Non-stimulant α-2 agonist (GUAN-SA); Placebo | CGI-I Clinician: 9/17; 0/17ADHD-RS Teachers: 6/17; 1/17Conners Parent Hyperactivity index: 5/17; 4/17 | 1/17; 0/17 | 1/17; 0/17 | - |
| Sonuga-Barke et al., 200127 | BT (parent training); Control (parent counseling with support); Waiting list | PACS Parents: 16/30; 11/28; 5/20 | - | - | - |
| Voigt et al., 201128 | Stimulant (MPH-SA)+PUFA (omega-3 fatty acid); Stimulant (MPH-SA)+Placebo | - | 5/32; 4/31 | - | - |
| Wolraich et al., 200129 | Stimulant (MPH-SA); Stimulant (MPH-LA); Placebo | CGI-I Clinician: 44/97; 44/95; 15/90Global assessment Parents: 44/97; 51/95; 18/90Global assessment Teachers: 44/97, 40/95; 16/90 | 13/97; 15/95; 43/90 | 1/97; 1/95; 1/90 | - |
| Biederman et al., 200231,32 | Stimulant (MIX-AMPH-LA); Placebo | CGI-I Clinician: 220/374; 37/210Global assessment Parents: 219/374; 36/210 | 38/374; 37/210 | 9/374; 6/210 | - |
| Bor et al., 200233 | BT (parent training); Waiting list | - | 19/55; 5/32 | - | - |
| Greenhill et al., 200234 | Stimulant (MPH-INT); Placebo | CGI-I Clinician: 125/158; 78/163CGI-S Clinician: 98/158; 41/163 | 17/158; 28/163 | 2/158; 0/163 | - |
| Lehmkuhl et al., 200235-37 | Stimulant (MPH-LA); Placebo | ADHD-RS Teachers: 31/43; 11/42 | 3/43; 4/42 | 2/43; 0/42 | 1/43; 0/42 |
| Kratochvil et al., 200238,39 | Stimulant (MPH-SA); Non-stimulant (ATX) | CGI-I Clinician: 26/44; 115/184CGI-S Clinician: 18/44; 64/184 | 19/44; 66/184 | 5/44; 10/184 | - |
| Michelson et al., 200240,41 | Non-stimulant (ATX); Placebo | CGI-S Clinician: 24/85; 8/86ADHD-RS Parents: 50/85; 26/86 | 12/85; 11/86 | 2/85; 1/86 | - |
| Spencer et al., 2002a42,30 | Stimulant (MPH-SA); Non-stimulant (ATX); Placebo | ADHD-RS Parents: -; 33/56; 21/53 | 12/38; 13/56; 9/53 | -; 6/129; 3/124(pooled Spencer 2002a and 2000b) | - |
| Spencer et al., 2002b42,30 | Non-stimulant (ATX); Placebo | ADHD-RS Parents: 47/73; 17/71 | 14/73; 23/71 | =  | - |
| Spencer et al., 2002c43 | Antidepressant (DESIP); Placebo | CGI-I Clinician: 15/21; 0/20ADHD-RS Parents: 16/21; 1/20 | 0/21; 2/20 | 0/21; 2/20 | - |
| TSSG, 200244 | Stimulant (MPH-SA); Non-stimulant α-2 agonist (CLON-SA); Stimulant (MPH-SA) + non-stimulant α-2 agonist (CLON-SA); Placebo | CGI Clinician: 22/37; 21/34; 29/33; 10/32CGI Parents: 25/37; 19/34; 29/33; 10/32CGI Teacher: 28/37; 21/34; 28/33; 12/32 | 4/37; 4/34; 4/33; 7/32 | 0/37; 0/34; 1/33; 0/32 | - |
| van Oudheusden et al., 200245 | Aminoacids (l-carnitine); Placebo | - | 1/13; 1/13 | 1/13; 0/13 | - |
| Hazell et al., 200346 | Stimulant (MPH-SA or DEXAM); Stimulant (MPH-SA or DEXAM) + non-stimulant α-2 agonist (CLON-SA) | Conners Parents: 12/29; 26/38Conners Parent Hyperactivity index: 11/29; 24/38 | 4/29; 3/38 | - | - |
| Rugino et al., 200347 | Other unlicensed drug (MODAF); Placebo | - | 2/13; 0/11 | 1/13; 0/11 |  |
| Abikoff et al., 200448-50 | Stimulant (MPH-SA); Stimulant+BT (MPH-SA+child and parent training); Stimulant+control (MPH-SA+attential control psychosocial therapy) | Clinician assessment (24w):23/34; 25/34; 26/35Clinician assessment (96w):20/34; 28/34; 24/35 | 10/34; 6/34; 6/35 | - | - |
| Akhondzadeh et al., 200451 | Stimulant (MPH-SA); Stimulant+minerals (MPH-SA+Zinc sulfate) | - | 2/22; 2/22 | - | - |
| Bilici et al., 200452 | Minerals (Zinc sulfate); Placebo | ADHD-RS Clinician: 45/202; 21/198 | 107/202; 100/198 | 25/202; 17/202 | - |
| Döpfner et al., 200453 | Stimulant+BT (MPH-SA+ MPH-SA+child, parent and teacher training); BT (child, parent and teacher training) | Global assessment Parents/teachers:16/28; 9/45  | 7/28; 23/45 | - | - |
| Kaplan et al., 200454 | Non-stimulant (ATX); Placebo | ADHD-RS Parents: 35/53; 16/45 | 12/53; 12/45 | 3/53; 2/45 | - |
| Kelsey et al., 200455,56 | Non-stimulant (ATX); Placebo | ADHD-RS Clinician: 79/133; 20/64CGI-I Clinician: 34/133; 3/64 | 26/133; 17/64 | 6/133; 1/64 | - |
| Michelson et al., 200457,58 | Non-stimulant (ATX); Placebo | - | 132/292; 79/124 | 9/292; 1/124 | 5/292; 2/124 |
| Wigal et al., 200459 | Stimulant (MPH-SA: low/medium dose; high dose); Placebo | CGI-I Clinician: 29/44; 23/46; 9/42 | 2/44; 6/46; 6/42 | 0/44; 2/46; 2/42 | - |
| Allen et al., 200560,61 | Non-stimulant (ATX); Placebo | - | 50/76; 53/72 | 2/76; 1/72 | 1/76; 0/72 |
| Biederman et al., 200562 | Other unlicensed drug (MODAF); Placebo | CGI-I Clinician: 78/164; 14/84 | 67/164; 51/84 | 5/164; 3/84 | 2/164; 0/84 |
| Jacobs et al., 200563 | Homeopathy (HOMEO); Placebo | - | 2/22; 4/21 | - | - |
| Kemner et al., 200564 | Stimulant (MPH-LA); Non-stimulant (ATX) | ADHD-RS Clinician: 646/850; 299/473CGI-I Clinician: 583/850; 250/473 | - | 41/850; 26/473 | 7/850; 1/473 |
| Klingberg et al., 200565 | Cognitive training (WM training); Control | - | 7/27; 2/26 | - | - |
| So, 200566,67 | Stimulant (MPH-SA); Stimulant+BT (MPH-SA+child and parent training) | SWAN Parents/teachers: 2/41; 16/45 | 10/41; 3/45 | - | - |
| Starr et al., 200568 | Stimulant (MPH-LA); Non-stimulant (ATX) | ADHD-RS Clinician: 97/125; 35/58CGI-I Clinician: 86/125; 29/58 | - | 1/125; 1/58 | 0/125; 1/58 |
| Weiss et al., 200569-71 | Non-stimulant (ATX); Placebo | ADHD-RS Teachers: 69/101; 22/52CGI-S Clinician: 21/101; 5/52 | 17/101; 4/52 | 6/101; 0/52 | - |
| Wigal et al., 200572 | Stimulant (MIX-AMPH-LA); Placebo | CGI-I Clinician: 75/107; 41/108SKAMP Teachers: 76/107; 36/108 | 14/107; 11/108 | 7/107; 4/108 | 1/107; 1/108 |
| Bierderman et al., 200673 | Other unlicensed drug (MODAF); Placebo | CGI-I Clinician: 60/197; 9/51 | 22/197; 3/51 | 9/197; 0/51 | 1/197; 0/51 |
| Findling et al., 200674 | Stimulant (MPH-SA); Stimulant (MPH-INT); Placebo | CGI-I Clinician: 38/133; 33/139; 5/46Global assessment Parents:48/133; 41/139; 4/46 | - | 4/133; 3/139; 14/46 | 0/133; 1/139; 0/46 |
| Gau et al., 200675 | Stimulant (MPH-SA); Stimulant (MPH-LA) | CGI-I Clinician: 18/32; 27/32 | - | - | - |
| Greenhill et al., 200676 | Stimulant (MPH-LA); Placebo | CGI-I Clinician: 35/53; 6/50CGI-S Clinician: 33/53; 5/50 | 5/53; 13/50 | 0/53; 1/50 | - |
| Greenhill et al., 2006b77 | Other unlicensed drug (MODAF); Placebo | CGI-I Clinician: 67/133; 12/67 | 33/133; 26/67 | 6/133; 4/67 | - |
| Greenhill et al., 2006c78-80 | Stimulant (MPH-SA); Placebo | SNAP Parents/teachers: 13/61; 7/53 | 9/61; 24/53 | 1/61; 0/53 | - |
| Sangal et al., 200681 | Stimulant (MPH-SA); Non-stimulant (ATX) | - | 4/41; 2/44 | 1/41; 0/44 | - |
| Spencer et al., 200682 | Stimulant (MIX-AMPH-LA); Placebo | CGI-I Clinician: 143/233; 14/54 | 53/233; 8/54 | 5/233; 0/54 | - |
| Spencer et al., 2006b83 | Stimulant (MIX-AMPH-LA); Placebo | CGI-I Clinician: 105/195; 13/49 | - | 9/195; 0/49 | - |
| Steele et al., 200684 | Stimulant (MPH-SA); Stimulant (MPH-LA) | CGI-I Clinician:45/74; 57/73CGI-S Clinician: 36/74; 53/73SNAP Parents/teachers: 25/74; 34/73 | 12/74; 14/73 | 2/74; 6/73 | - |
| Trebatická et al., 200685,86 | Herbal therapy (pine bark extract); Placebo | - | 3/44; 1/17 | - | - |
| Armenteros et al., 200787 | Stimulant+antipsychotic (MPH-SA or MIX-AMPH+RISP); Stimulant (MPH-SA or MIX-AMPH) | CGI-I Clinician: 9/12; 5/13 | 1/12; 1/13 | - | - |
| Arnold et al., 200788 | Aminoacids (l-carnitine); Placebo | CGI-I Clinician (8w): 7/58; 4/60CGI-I Clinician (16w): 9/58; 8/60 | 16/58; 21/60 | - | - |
| Bangs et al., 200789,90 | Non-stimulant (ATX); Placebo | CGI-I Clinician: 33/72; 12/70CGI-S Clinician: 13/72; 7/70 | 13/72; 9/70 | 1/72; 1/70 | 0/72; 1/70 |
| Biederman et al., 200791,92 | Stimulant (LDX-LA); Placebo | ADHD-RS Clinician: 175/218; 20/72CGI-I Clinician: 154/218; 13/72 | 42/218; 18/72 | 20/218; 1/72 | - |
| Buitelaar et al., 200793,58 | Non-stimulant (ATX); Placebo | - | 16/81; 28/82 | 1/81; 1/82 | - |
| Carlson et al., 200794 | Stimulant+non-stimulant (MPH-LA+ATX); Non-stimulant (ATX) | - | 1/9; 1/12 | 1/9; 1/12 | - |
| Gau et al., 200795,96 | Non-stimulant (ATX); Placebo | ADHD-RS Parents: 53/72; 13/34 | 3/72; 5/34 | 1/72; 0/34 | - |
| Geller et al., 200797,98 | Non-stimulant (ATX); Placebo | ADHD-RS Parents: 48/82; 10/89 | 21/82; 23/89 | 2/82; 1/89 | 1/82; 0/89 |
| Prasad et al., 200799,100 | Non-stimulant (ATX); Control  | ADHD-RS Clinician: 59/104; 43/97CGI-I Clinician: 48/104; 25/97CGI-S Clinician: 49/104; 28/97 | 26/104; 6/97 | 5/104; 1/97 | - |
| van den Hoofdakker et al., 2007101 | BT (parent training); Control | - | 7/48; 1/48 | - | - |
| van der Oord et al., 2007102 | Stimulant (MPH-SA); Stimulant+BT (MPH-SA+child, parent and teacher training) | - | 2/23; 3/27 | - | - |
| Wang et al., 2007103,104 | Stimulant (MPH-SA); Non-stimulant (ATX) | ADHD-RS Parents: 133/166; 123/164 | 14/166; 26/164 | 6/166; 18/164 | 0/166; 1/164 |
| Amiri et al., 2008105 | Stimulant (MPH-SA); Other unlicensed drug (MODAF) | ADHD-RS Parents: 21/30; 22/30ADHD-RS Teachers: 22/30; 22/30 | 3/30; 22/30 | - | - |
| Bangs et al., 2008106,107 | Non-stimulant (ATX); Placebo | - | 24/156; 5/70 | 6/156; 0/70 | 3/156; 1/70 |
| Bierdeman et al., 2008108-110 | Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-I Clinician: 133/259; 20/86Global assessment Parents: 111/259; 15/86 | 97/259; 33/86 | 42/259; 1/86 | 2/259; 0/86 |
| Palumbo et al., 2008111-113 | Stimulant (MPH-SA); Non-stimulant α-2 agonist (CLON-SA); Stimulant (MPH-SA) + non-stimulant α-2 agonist (CLON-SA); Placebo | - | 11/29; 5/31; 8/32; 20/30 | 1/29; 1/31; 1/32; 0/30 | 1/29; 0/31; 0/32; 0/30 |
| Findling et al., 2008114 | Stimulant (MPH-LA); Stimulant (MPH-TS); Placebo | CGI-I Clinician: 59/94; 69/100; 20/88Global assessment Parents: 54/94; 67/100; 21/88 | 25/94; 67/100; 53/88 | 2/94; 7/100; 1/88 | - |
| Heriot et al., 2008115 | Stimulant (MPH-SA); BT (parent training); Stimulant+BT (MPH-SA+parent training); Placebo | ADHD-RS Parent: 1/4; 1/4; 2/4; 0/4ADHD-RS Teacher: 1/4; 1/4; 3/4; 0/4 | - | - | - |
| Konofal et al., 2008116 | Minerals (Iron); Placebo | CGI-S Clinician: 4/18; 0/5 | 2/18; 0/5 | 1/18; 0/5 | - |
| Newcorn et al., 2008117,118 | Stimulant (MPH-LA); Non-stimulant (ATX); Placebo | ADHD-RS Parents: 119/220; 95/222; 16/74 | 40/220; 36/222; 17/74 | 5/220; 5/222; 2/74 | 1/220; 4/222; 0/74 |
| Torrioli et al., 2008119 | Aminoacids (L-carnitine); Placebo | - | 3/30; 4/33 | - | - |
| Vaisman et al., 2008120 | PUFA (omega-3 fatty acid); Control (fish oil); Placebo | - | 11/29; 7/28; 5/26 | 2/29; 2/28; 0/26 | - |
| Weber et al., 2008121 | Herbal therapy (St John’s Wort); Placebo | CGI-I Clinician: 11/27; 11/27 | 1/27; 2/27 | 0/27; 1/27 | - |
| Arabgol et al., 2009122 | Stimulant (MPH-SA); Antidepressant (REBOX) | ADHD-RS Parents: 6/16; 5/17 | 4/16; 5/17 | 1/16; 2/17 | - |
| Block et al., 2009123,124 | Non-stimulant (ATX); Placebo | ADHD-RS Parents: 115/195; 33/93CGI-S Clinician: 80/195; 20/93 | 55/195; 27/93 | 3/195; 2/93 | - |
| Childress et al., 2009125 | Stimulant (MPH-LA); Placebo | CGI-I Clinician: 131/188; 14/65CGI-S Clinician: 106/188; 17/65 | 27/188; 8/65 | 3/188; 0/65 | - |
| Dell'Agnello et al., 2009126 | Non-stimulant (ATX); Placebo | SNAP Parents/teachers: 33/107; 2/32CGI-S Clinician: 20/107; 2/32 | 5/107; 0/32 | 3/107; 0/32 | - |
| Johnson et al., 2009127 | PUFA (omega-3/6 fatty acid); Placebo | ADHD-RS Clinician: 9/37; 2/38 | 3/37; 8/38 | 2/37; 1/38 | - |
| Kahbazi et al., 2009128 | Other unlicensed drug (MODAF); Placebo | ADHD-RS Parents/teachers: 18/23; 0/23 | 1/23; 2/23 | - | - |
| Montoya et al., 2009129,130 | Non-stimulant (ATX); Placebo | ADHD-RS Parents: 63/100; 11/51CGI-S Clinician: 40/100; 5/51 | 6/100; 3/51 | - | 0/100; 1/51 |
| Nair et al., 2009131 | Non-stimulant α-2 agonist (CLON-SA); Other unlicensed drug (CARBA) | ADHD-RS Clinician: 18/25; 3/25 | 4/25; 6/25 | - | - |
| Pelsser et al., 2009132 | Restricted elimination diet (elimination diet); Waiting list | ADHD-RS Parents: 11/15; 0/12Conners’ Parents: 11/15; 0/12Conners’ Teachers: 7/15; 0/12 | 2/15; 1/12 | 1/15; 0/12 | - |
| Raz et al., 2009133 | PUFA (omega-3/6 fatty acid); Placebo | - | 7/39; 8/39 | 1/39; 0/39 | - |
| Sallee et al., 2009134-136 | Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-I Clinician: 126/258; 19/66Global assessment Parents: 106/258; 16/66 | 88/258; 25/66 | 19/258; 5/66 | 1/258; 1/66 |
| Svanborg et al., 2009137,138 | Non-stimulant+BT (ATX+child and parent training); BT (child and parent training) + placebo | ADHD-RS Clinician: 35/49; 14/50 | - | - | - |
| Takahashi et al., 2009139,140 | Non-stimulant (ATX); Placebo | ADHD-RS Clinician: 114/183; 34/62 | 10/183; 1/62 | 2/183; 0/62 | 1/183; 0/62 |
| Perez-Alvarez et al., 2009141 | Stimulant (MPH-LA); HPT (humanistic psychotherapy); Stimulant+HPT (MPH-LA+humanistic psychotherapy) | SNAP Parents/teachers: 10/32; 20/59; 31/59 | - | - | - |
| Thompson et al., 2009142 | BT (parent training); Control | PACS Parents: 8/21; 1/20 | 6/21; 15/20 | - | - |
| Tramontina et al., 2009143 | Antipsychotic (ARIP); Placebo | - | 1/18; 1/25 | 1/18; 0/25 | - |
| Tucker et al., 2009144 | Stimulant+BT (MPH-LA+child and parent training); BT (child and parent training) | - | 15/53; 17/56 | - | - |
| Gevensleben et al., 2009145-147 | Neurofeedback (theta-beta and slow cortical potential training); Cognitive training (attention training) | ADHD-RS Parents (8w): 30/64; 10/38ADHD-RS Parents (24w): 19/64; 6/38 | 11/64; 6/38 | - | - |
| Connor et al., 2010148,149 | Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-I Clinician: 93/138; 24/79CGI-S Clinician: 87/138; 24/79 | 29/138; 31/79 | 14/138; 1/79 | - |
| Fabiano et al., 2010150 | BT (child, parent and teacher training); Control | ADHD-RS Teachers: 28/33; 20/30 | 0/33; 3/30 | - | - |
| Findling et al., 2010151 | Stimulant (MPH-TS); Placebo | CGI-I Clinician: 93/145; 22/72Global assessment Parents: 76/145; 15/72 | 53/145; 43/72 | 8/145; 2/72 | 1/145; 1/72 |
| Gustafsson et al., 2010152 | PUFA (omega-3 fatty acid); Placebo | Conners’ Parents: 15/57; 17/52Conners’ Teachers: 14/57; 11/52 | 17/57; 10/52 | - | - |
| Martenyi et al., 2010153,154 | Non-stimulant (ATX); Placebo | ADHD-RS Parents: 52/72; 16/33 | 5/72; 1/33 | 1/72; 0/33 | - |
| Perreau-Linck et al., 2010155 | Neurofeedback (theta-beta training); Placebo | - | 1/5; 1/4 | 0/5; 1/4 | - |
| Salehi et al., 2010156 | Stimulant (MPH-SA); Herbal therapy (*Ginkgo biloba*) | ADHD-RS Parents: 22/25; 8/25ADHD-RS Teachers: 16/25; 2/25 | 2/25; 2/25 | - | - |
| Thurstone et al., 2010157,158 | Non-stimulant+BT (ATX+child and parent training); BT (child and parent training) + placebo | CGI-I Clinician: 17/35; 20/35 | 3/35; 2/35 | 1/35; 0/35 | 1/35; 1/35 |
| Waxmonsky et al., 2010159 | Non-stimulant+BT (ATX+child, parent and teacher training); Non-stimulant (ATX) | CGI-I Clinician: 16/29; 14/27 | 5/29; 2/27 | 0/59; 1/27 | - |
| Zarinara et al., 2010160 | Stimulant (MPH-SA); Antidepressant (VENLAF) | ADHD-RS Parents: 14/19; 13/19ADHD-RS Teachers: 13/19; 12/19 | 1/19; 1/19 | - | - |
| Abbasi et al., 2011161 | Stimulant (MPH-SA); Stimulant + aminoacids (MPH-SA+L-carnitine) | - | 1/20; 1/20 | - | - |
| Arnold et al., 2011162 | Minerals (Zinc supplementation); Placebo | - | 2/28; 2/24 | 1/28; 1/24 | - |
| Bakhshayesh et al., 2011163 | Neurofeedback (theta-beta training); Control | - | 1/18; 2/17 | - | - |
| Dittmann et al., 2011164 | Non-stimulant (ATX); Placebo | - | 29/121; 22/59 | 8/121; 1/59 | 2/121; 1/59 |
| Findling et al., 2011165,166 | Stimulant (LDX-LA); Placebo | CGI-Clinician: 154/235; 30/79ADHD-RS Clinician: 182/235; 43/79 | 39/235; 10/79 | 10/235; 1/79 | - |
| Jain et al., 2011167 | Non-stimulant α-2 agonist (CLON-LA); Placebo | - | 56/158; 37/78 | 20/158; 1/78 | - |
| Giblin et al., 2011168 | Stimulant (LDX-LA); Placebo | - | - | - | - |
| Kang et al., 2011169 | Stimulant+BT (MPH-SA+child training); Stimulant+Exercise (MPH-SA+physical activity/sports) | - | 3/16; 1/16 | 1/16; 1/16 | - |
| Kollins et al., 2011170 | Stimulant+non-stimulant α-2 agonist (MPH-LA or LDX-LA+CLON-LA); Stimulant (MPH-LA or LDX) | CGI-Clinician/ADHD-RS Clinician: 43/102; 24/96 | 11/102; 22/96 | 1/102; 3/96 | - |
| Kollins et al., 2011171 | Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-Clinician: 69/121; 20/57 | 7/121; 3/57 | 4/121; 1/57 | 2/121; 0/57 |
| Kratochvil et al., 2011172,173 | Non-stimulant+BT (ATX+parent training); BT (parent training) | CGI-I Clinician: 18/50; 11/51CGI-S Clinician: 17/50; 11/51 | 14/50; 12/51 | 0/50; 3/51 | - |
| Lansbergen et al., 2011174 | Neurofeedback (IFBT); Placebo | CGI-I Clinician: 1/8; 0/6 | - | - | - |
| Pelsser et al., 2011175 | Restricted elimination diet (elimination diet); Control | ADHD-RS Clinician: 32/50; 0/50 | 9/50; 8/50 | 1/50; 0/50 | - |
| Riggs et al., 2011176 | Stimulant+BT (MPH-LA+child training); BT (child training) + placebo | CGI-I Clinician: 35/151; 29/152 | 33/151; 43/152 | - | 4/151; 7/152 |
| Steiner et al., 2011177 | Neurofeedback (theta-beta training); Control; Waiting list | - | 3/13; 2/13; 0/15 | - | - |
| Wehmeier et al., 2011178,179 | Non-stimulant (ATX); Placebo | - | 9/63; 11/62 | 2/63; 2/62 | - |
| Wilens et al., 2011180 | Non-stimulant (ATX); Placebo | - | 7/50; 5/47 | 2/50; 1/47 | - |
| Yildiz et al., 2011181 | Stimulant (MPH-LA); Non-stimulant (ATX) | CGI-I Clinician: 10/12; 7/17ADHD-RS Parents: 7/12; 4/17 | 1/12; 3/17 | 1/12; 3/17 | - |
| Zamora et al., 2011182 | Stimulant (MPH-SA); Stimulant+minerals (MPH-SA+Zinc sulfate) | Conners’ Teachers: 6/20; 11/20 | 3/20; 1/20 | - | - |
| Assareh et al., 2012183 | Stimulant+PUFA (MPH-SA+omega-3/6 fatty acid); Stimulant (MPH-SA)+Placebo | ADHD-RS Parents: 19/20; 19/20 | - | - | - |
| Duric et al., 2012184 | Stimulant (MPH-SA); Neurofeedback (theta-beta training); Stimulant+neurofeedback (MPH-SA+theta-beta training) | - | 15/44; 13/42; 11/44 | - | - |
| Fabiano et al., 2012185 | BT (parent training); Waiting list | ECBI Parents: 17/28; 13/27 | 5/28; 4/27 | - | - |
| Green et al., 2012186 | Cognitive training (WM training); Placebo | - | 3/15; 1/15 | - | - |
| Jafarinia et al., 2012187 | Stimulant (MPH-SA); Antidepressant (BUP) | ADHD-RS Parents: 18/22; 18/22ADHD-RS Teachers: 12/22; 8/22 | 1/22; 2/22 | - | - |
| Manor et al., 2012188,189 | PUFA (omega-3 fatty acid); Placebo | - | 27/137; 11/63 | 2/137; 1/63 | - |
| Perera et al., 2012190 | Stimulant+PUFA (MPH-SA+omega-3/6 fatty acid); Stimulant (MPH-SA)+Placebo | - | 1/49; 3/49 | - | - |
| Wilens et al., 2012191-194 | Stimulant+non-stimulant α-2 agonist (MPH-LA or LDX-LA+GUAN-LA); Stimulant (MPH-LA or LDX) | CGI-I Clinician: 215/307; 88/154CGI-S Clinician: 229/307; 94/154ADHD-RS Clinician: 212/307; 89/154Global assessment Parents: 180/307; 67/154 | 58/307; 25/154 | 10/307; 1/154 | 3/307; 0/154 |
| Abikoff et al., 2013195 | BT (child, parent and teacher training), Waiting list | CGI-I Parents: 108/125; 0/33CGI-I Teachers: 77/125; 1/33 | 7/125; 0/33 | 1/125; 0/33 | - |
| Arnold et al., 2013196 | Neurofeedback (theta-beta training); Placebo | - | 2/26; 3/13 | - | - |
| Coghill et al., 2013197-200 | Stimulant (LDX-LA); Stimulant (MPH-LA); Placebo | CGI-I Clinician: 78/113; 63/112; 15/111ADHD-RS Clinician: 89/113; 76/112; 30/111 | 33/113; 38/112; 68/111 | 5/113; 2/112; 4/111 | 3/113; 2/112; 3/111 |
| Dittmann et al., 2013201-204 | Stimulant (LDX-LA); Non-stimulant (ATX) | CGI-I Clinician: 69/133; 53/134CGI-S Clinician: 71/133; 57/134ADHD-RS Clinician: 88/133; 68/134 | 34/133; 33/134 | 8/133; 10/134 | - |
| Hovik et al., 2013205,206 | Cognitive training (WM training); Control | - | 5/38; 3/37 | - | - |
| Li et al., 2013207 | Stimulant+neurofeedback (MPH-SA+theta-beta training); Stimulant (MPH-SA) | - | 1/32; 3/32 | - | - |
| Newcorn et al., 2013208-211 | Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-I Clinician/ADHD-RS Clinician: 132/227; 34/113CGI-I Clinician: 144/227; 35/113CGI-S Clinician: 139/227; 31/113 | 60/227; 37/113 | 16/227; 1/113 | 3/227; 0/113 |
| Ghanizadeh et al., 2013212 | Stimulant+vitamins (MPH-SA+vitamin B9/folic acid); Stimulant (MPH-SA) | - | 15/23; 12/26 | 4/23; 3/26 | - |
| Oberai et al., 2013213 | Homeopathy (HOMEO); Placebo | - | 8/30; 11/31 | - | - |
| Ogrim et al., 2013213 | Stimulant (MPH-LA or DEXAM); Neurofeedback (theta-beta training) | Conners’ Parents/Teachers: 9/16; 2/16 | 1/16; 2/16 | - | - |
| Simonoff et al., 2013214 | Stimulant (MPH-SA); Placebo | CGI-I Clinician: 24/61; 4/61 | 10/61; 7/61 | 5/61; 0/61 | - |
| Tamm et al., 2013215 | Cognitive training (attention training); Waiting list | - | 9/54; 5/51 | - | - |
| van Dongen-Boomsma et al., 2013217 | Neurofeedback (theta-beta training); Placebo | CGI-I Clinician: 4/22; 0/22 | - | - | - |
| Aman et al., 2014218-220 | Stimulant+antipsychotic+BT (MPH-LA or MIX-AMPH+RISP+parent training); Stimulant+BT (MPH-LA or MIX-AMPH+parent training) | CGI-I Clinician: 63/84; 58/84CGI-S Clinician: 56/84; 49/84 | 23/84; 15/84 | - | - |
| Barragán et al., 2014221 | Stimulant (MPH-SA)+PUFA (omega-3/6 fatty acid); Stimulant (MPH-SA); PUFA (omega-3/6 fatty acid) | ADHD-RS Parents: 28/30; 24/30; 18/30 | 3/30; 10/30, 8/30 | 1/30; 6/30; 1/30 | - |
| Chacko et al., 2014222 | Cognitive training (WM training); Placebo | - | 7/44; 6/41 | - | - |
| Ferrin et al., 2014223 | BT (parent training); Control (parent counseling with support) | - | 2/44; 1/37 | - | - |
| Garg et al., 2014224 | Stimulant (MPH-SA); Non-stimulant (ATX) | ADHD-RS Parents: 30/41; 31/43 | 14/41; 18/43 | 3/41; 3/43 | - |
| Hervas et al., 2014225-227 | Non-stimulant (ATX); Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-I Clinician: 63/112; 76/115; 49/111CGI-S Clinician: 65/112; 77/115; 51/111ADHD-RS/CGI Clinician: 62/112; 72/112; 47/111 | 23/112; 24/115; 19/111 | 5/112; 9/115; 1/111 | 0/112; 1/115; 1/111 |
| Hirayama et al., 2014228 | Aminoacids (phosphatidyl-serine); Placebo | - | 1/20; 3/20 | - | - |
| Ko et al., 2014229 | Herbal therapy (*Ginseng*); Placebo | - | 0/35; 2/37 | - | - |
| Lin et al., 2014230,231 | Stimulant (MPH-LA); Non-stimulant (EDIVOX); Placebo | ADHD-RS Parents: 14/36; 81/226; 22/78CGI-I Clinician: 13/36; 59/226; 20/78 | 7/36; 53/226; 16/78 | 3/36; 7/226; 3/78 | - |
| Meisel et al., 2014232 | Stimulant (MPH-SA); Neurofeedback (theta-beta training) | - | 2/13; 2/14 | 1/13; 0/14 | - |
| Pfiffner et al., 2014233 | BT (child, parent and teacher training); BT (parent training); Control (usual care) | CSI Parents: 41/74; 32/74; 15/51CSI Teachers: 43/74; 33/74; 17/51 | 1/74; 0/74; 3/51 | - | - |
| Steiner et al., 2014234,235 | Cognitive training (attention training); Neurofeedback (theta-beta training); Control | - | 4/34; 0/34; 2/36 | - | - |
| van Dongen-Boomsma et al., 2014236 | Cognitive training (WM training); Placebo | CGI-I Clinician: 1/27; 2/24 | 1/27; 3/24 | - | - |
| Widenhorn-Müller et al., 2014237 | PUFA (omega-3 fatty acid); Placebo | - | 7/55; 6/55 | - | - |
| Abikoff et al., 2015238 | BT (parent training); Waiting list | - | 12/130; 1/34 | - | - |
| Bigorra et al., 2015239 | Cognitive training (WM training); Placebo | - | 4/36; 0/30 | - | - |
| Bédard et al., 2015240 | Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-I Clinician: 8/12; 5/13 | - | - | - |
| Bos et al., 2015241 | PUFA (omega-3 fatty acid); Placebo | - | 1/20; 1/20 | 0/20; 1/20 | - |
| Choi et al., 2015242 | Stimulant+BT (MPH-SA+child training); Stimulant+Exercise (MPH-SA+physical activity/sports) | - | 1/18; 4/17 | 1/18; 1/17 | - |
| Choi et al., 2015243 | BT (child training); Waiting list | - | 5/53; 2/27 | - | - |
| Chou et al., 2015244 | Stimulant (MPH-LA); Non-stimulant (ATX) | - | 5/25; 3/25 | - | - |
| Corkum et al., 2015245 | BT (teacher training); Waiting list | - | 4/28; 2/30 | - | - |
| Ghanizadeh et al., 2015246 | Stimulant+restricted elimination diet (MPH-SA+elimination diet); Stimulant (MPH-SA) | - | 10/53; 11/53 | - | - |
| Hiscock et al., 2015247 | BT (parent training); Control (usual care) | ADHD-RS Parents (12w): 23/122; 12/122ADHD-RS Parents (24w): 33/122; 12/122ADHD-RS Teachers (12w): 14/122; 11/122ADHD-RS Teachers (24w): 34/122; 30/122 | 16/122; 24/122 | - | - |
| Matsudaira et al., 2015248 | PUFA (omega-3/6 fatty acid); Placebo | - | 11/38; 8/38 | 3/38; 0/38 | - |
| Shakibaei et al., 2015249 | Stimulant+herbal therapy (MPH-SA+*Ginkgo biloba*); Stimulant (MPH-SA) | ADHD-RS Parents: 29/33; 17/33ADHD-RS Teachers: 26/33; 23/33 | 2/33; 4/33 | 2/33; 1/33 | - |
| Shang et al., 2015250 | Stimulant (MPH-LA); Non-stimulant (ATX) | - | 14/80; 16/80 | 3/80; 3/80 | - |
| Storebø et al., 2015251,252 | BT (child and parent training); Control (usual care) | - | 0/28; 1/28 | - | - |
| Wilens et al., 2015253-255 | Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-I Clinician: 104/157; 71/157ADHD-RS Clinician: 103/157; 71/157CGI-S Clinician: 78/157; 56/157 | 52/157; 55/157 | 9/157; 3/157 | 4/157; 2/157 |
| Arabgol et al., 2015256 | Antipsychotics (RISP); Stimulant (MPH-SA) | - | 2/20; 3/18 | 2/20; 1/18 | - |
| Correia-Filho et al., 2005257 | Antipsychotics (RISP); Stimulant (MPH-SA) | - | 3/22; 2/24 | 1/22; 1/24 | - |
| Ferrin et al., 2016258 | BT (parent training); Control (usual care) | - | 3/35; 4/34 | - | - |
| Janssen et al., 2016259,260 | Stimulant (MPH-SA); Neurofeedback (theta-beta training); Exercise (physical activity/sports) | - | 5/36; 1/39; 3/37 | - | - |
| Steeger et al., 2016261 | BT (parent training); Cognitive training (WM training); BT+cognitive training (parent training+WM training); Placebo | - | 1/26; 3/26; 4/26; 0/26 | - | - |
| Su et al., 2016262 | Stimulant (MPH-LA); Non-stimulant (ATX) | ADHD-RS Clinician: 78/130; 77/132CGI-S Clinician: 50/130; 49/132 | 45/130; 75/132 | - | - |
| Newcorn et al., 2016263,264 | Non-stimulant α-2 agonist (GUAN-LA); Placebo | CGI-S: 75/157; 49/159 | 81/157; 106/159 | 3/157; 2/159 | 2/157; 4/159 |