

NKR 43 Angst PICO 2 CBT vs anden psykoterapi

Review information

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Dates

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What's new

Date / Event	Description
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History

Date / Event	Description
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Characteristics of studies

Characteristics of included studies

Ginsburg 2012

<p>Methods</p>	<p>Study design: Randomized controlled trial Study grouping: Parallel group Open Label: Cluster RCT:</p>
<p>Participants</p>	<p>Baseline Characteristics</p> <p>Intervention (CBT)</p> <ul style="list-style-type: none"> ● Number with primary social phobia (n, %): 5, 29.4 % ● Number with primary generalized anxiety disorder (n, %): 6, 35.3 % ● Number with primary separation anxiety disorder (n, %): 4, 23.5% ● Number with other types of primary anxiety disorders (n, %): 2, 11.8% ● Age in years (mean, SD): 11.12 (2.75) ● Age range and proportion of children and adolescents: 7-17 (% adolescents not reported) <p>Control</p> <ul style="list-style-type: none"> ● Number with primary social phobia (n, %): 3, 20% ● Number with primary generalized anxiety disorder (n, %): 8, 53.3 % ● Number with primary separation anxiety disorder (n, %): 4, 26.7% ● Number with other types of primary anxiety disorders (n, %): 0,0 % ● Age in years (mean, SD): 9.33 (2.06) ● Age range and proportion of children and adolescents: 7-17 (% adolescents not reported) <p>Included criteria: Inclusion criteria for children were: (1)between the ages of 7 and 17, (2) presence of one of the following anxiety disorders:generalized (GAD), social (SOP), separation (SAD), specific (SP), or anxiety not otherwise specified (ANOS),</p>

	<p>Excluded criteria: exclusion criteria for children were: (3) no medical or psychiatric conditions (e.g., suicidality) contraindicating study intervention and (4) not currently receiving treatment for anxiety reduction. Children were also excluded if they failed a previous trial of CBT for anxiety within the previous 2 years judged by at least 10 hierarchy-based CBT sessions, including homework assignments and exposure exercises. Children were included if they were on stable medication for another psychiatric disorder (e.g., Ritalin for attention deficit/hyperactive disorder).</p> <p>Pretreatment: T-tests for continuous variables and Chi-square analyses for categorical variables were used to examine differences on demographic and clinical variables between the two intervention groups at baseline (see Table 1). Children in CBT were significantly older than the children in the UC (mean age in years = 11.12 vs. 9.33; p<.05). No group differences were found on any other demographic or clinical variables, including child gender, race, parent marital status, family income, comorbid diagnoses, parent symptom level, parenting stress level, child urban hassles level, or primary diagnoses (all ps<.05).</p>
<p>Interventions</p>	<p>Intervention Characteristics Intervention (CBT)</p> <ul style="list-style-type: none"> ● <i>Description of type of intervention/control:</i> The CBT used in this study was adapted to a modular format based on empirically supported anxiety CBT manuals (Kendall 1990; Kendall 1994; Silverman et al. 1999a, b). A modular approach, which has been used in previous studies (Chorpita et al. 2004; Weisz et al. 2011) was selected because it is more clinician-friendly and flexible (i.e., therapist emphasize modules that are most relevant for each child) than manualized treatments. Thus, it was expected to enhance the utility and adoption of the intervention. The modules included: psychoeducation, exposure, rewards, cognitive restructuring, problem solving, relaxation, and relapse prevention. Parent modules (e.g., psychoeducation, rewards, exposure) were also included. Each therapist was given a therapy box which included handouts and other materials to use in the therapy with children. There were a total of eight modules designed to be delivered over 12 weeks. With the exception of psychoeducation and exposure, module inclusion and sequencing was not predetermined, thereby permitting the treatment to be tailored to each youth's needs ● <i>Length of intervention/control (weeks and sessions):</i> 12 weeks. Up to 13 sessions ● <i>Length of follow-up (in months):</i> 1 month - i.e., not used in this guideline as too short a timeframe <p>Control</p> <ul style="list-style-type: none"> ● <i>Description of type of intervention/control:</i> This condition focused on providing children therapeutic interventions that did not include CBT strategies. Therapy represented usual care for that clinician (e.g., art, play, or supportive therapy). Therapists were provided with instructions about how to avoid including components of CBT such as directly reinforcing approach behavior via a hierarchy or indirectly challenging fear-evoking cognitions. Therapists were also provided with an attention control manual to use if they desired.

	<ul style="list-style-type: none"> ● <i>Length of intervention/control (weeks and sessions):</i> ● <i>Length of follow-up (in months):</i>
Outcomes	<p><i>Remission of primary anxiety diagnosis (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: DichotomousOutcome ● Direction: Higher is better ● Data value: Endpoint <p><i>Youth reported anxiety symptoms (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: ContinuousOutcome ● Scale: SCARED-R ● Range: 0-82 ● Direction: Lower is better ● Data value: Endpoint <p><i>Parent reported anxiety symptoms (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: ContinuousOutcome ● Reporting: Fully reported ● Scale: SCARED-R ● Range: 0-82 ● Unit of measure: Points ● Direction: Lower is better ● Data value: Endpoint <p><i>Remission of primary anxiety diagnosis (longest FU, at least 3 months)</i></p> <ul style="list-style-type: none"> ● Outcome type: DichotomousOutcome ● Reporting: Not reported ● Direction: Higher is better ● Data value: Endpoint ● Notes: Only a 1 month follow-up. This guideline requires a follow-up of at least 3 months to be included <p><i>Youth reported anxiety symptoms (longest FU, at least 3 months)</i></p> <ul style="list-style-type: none"> ● Outcome type: ContinuousOutcome ● Reporting: Not reported ● Direction: Lower is better

- **Data value:** Endpoint
- **Notes:** Only a 1 month follow-up. This guideline requires a follow-up of at least 3 months to be included

Parent reported anxiety symptoms (longest FU, at least 3 months)

- **Outcome type:** ContinuousOutcome
- **Reporting:** Not reported
- **Direction:** Lower is better
- **Data value:** Endpoint
- **Notes:** Only a 1 month follow-up. This guideline requires a follow-up of at least 3 months to be included

Youth reported functioning (EoT)

- **Outcome type:** ContinuousOutcome
- **Reporting:** Not reported
- **Direction:** Higher is better
- **Data value:** Endpoint

Observer reported functioning (EoT)

- **Outcome type:** ContinuousOutcome
- **Reporting:** Fully reported
- **Scale:** CGI-S
- **Range:** 1-7
- **Unit of measure:** Points
- **Direction:** Lower is better
- **Data value:** Endpoint

Combined youth and observer reported functioning (EoT)

- **Outcome type:** ContinuousOutcome
- **Reporting:** Fully reported
- **Scale:** ADIS-C/P
- **Range:** 0-8
- **Unit of measure:** Points
- **Direction:** Lower is better
- **Data value:** Endpoint

Number that discontinued treatment or control (EoT)

- **Outcome type:** DichotomousOutcome

	<ul style="list-style-type: none"> ● Direction: Lower is better ● Data value: Endpoint
<p>Identification</p>	<p>Sponsorship source: This pilot study was supported by a grant from the National Institute of Mental Health (MH90027497) awarded to Golda S. Ginsburg, Ph.D. During the preparation of this manuscript, Dr. Becker was supported by the National Institute of Mental Health (T32 MH 18834)</p> <p>Country: USA</p> <p>Setting:</p> <p>Comments:</p> <p>Authors name: Ginsburg et al 2012</p> <p>Institution: Division of Child and Adolescent Psychiatry, Department of Psychiatry and Behavioral Sciences, The Johns Hopkins University School of Medicine</p> <p>Email: e-mail: gginsbu@jhmi.edu</p> <p>Address: Division of Child and Adolescent Psychiatry, Department of Psychiatry and Behavioral Sciences, The Johns Hopkins University School of Medicine, 550 North Broadway/Suite 202, Baltimore, MD 21205, USA</p>
<p>Notes</p>	<p><i>Nkr 43 Angst</i> on 02/05/2016 20:22</p> <p>Select</p> <p>Seems relevant: Usual Care (UC) This condition focused on providing children therapeutic interventions that did not include CBT strategies. Therapy represented usual care for that clinician (e.g., art, play, or supportive therapy). Therapists were provided with instructions about how to avoid including components of CBT such as directly reinforcing approach behavior via a hierarchy or directly challenging fear-evoking cognitions. Therapists were also provided with an attention control manual to use if they desired.</p> <p><i>Nkr 43 Angst</i> on 06/05/2016 20:50</p> <p>Included</p> <p>This study is partly extracted in James et al 2015. The following data is extracted in the Cochrane review (analysis 3): Remission EoT, child anxiety symp EoT, Lost to follow-up. NOTICE THAT THE FU IN THIS STUDY IS ONLY 1 MONTH, AND SHOULD THUS NOT BE EXTRACTED SINCE OUR GUIDELINE REQUIRES AT LEAST 3 MONTHS FU</p> <p><i>Nkr 43 Angst</i> on 06/05/2016 23:58</p> <p>Outcomes</p> <p>The following data is extracted in the Cochrane review (analysis 3): Remission EoT, child anxiety symp EoT, Lost to follow-up.</p>

Risk of bias table

Bias	Authors' judgement	Support for judgement
Sequence Generation	Low risk	Quote: "Randomization was conducted using the website randomization.com and separate randomization plans were created for each clinician."
Allocation concealment	Unclear risk	Judgement Comment: Not Described
Blinding of participants and personnel	High risk	Judgement Comment: Not blinded
Blinding of outcome assessors	High risk	
Incomplete outcome data	Low risk	Judgement Comment: 3 out of 32 dropped out at post treatment
Selective outcome reporting	Low risk	Judgement Comment: None detected
Other sources of bias	Low risk	Judgement Comment: None detected

Herbert 2009

<p>Methods</p> <p>Study design: Randomized controlled trial Study grouping: Parallel group Open Label: Cluster RCT:</p>	<p>Study design: Randomized controlled trial Study grouping: Parallel group Open Label: Cluster RCT:</p>
<p>Participants</p>	<p>Baseline Characteristics Intervention (CBT)</p> <ul style="list-style-type: none"> ● Number with primary social phobia (n, %): 23, 100% ● Number with primary generalized anxiety disorder (n, %): 0, 0% ● Number with primary separation anxiety disorder (n, %): 0, 0% ● Number with other types of primary anxiety disorders (n, %): 0, 0% ● Age in years (mean, SD): 14.6 (2.8) ● Age range and proportion of children and adolescents: 12-17 (100% adolescents)

	<p>Control</p> <ul style="list-style-type: none"> ● Number with primary social phobia (n, %): 26, 100% ● Number with primary generalized anxiety disorder (n, %): 0, 0% ● Number with primary separation anxiety disorder (n, %): 0, 0% ● Number with other types of primary anxiety disorders (n, %): 0, 0% ● Age in years (mean, SD): 15.1 (1.4) ● Age range and proportion of children and adolescents: 12-17 (100% adolescents) <p>Included criteria: Inclusion criteria included age between 12 and 17, literacy in English, and a DSM-IV diagnosis of primary SAD, generalized subtype.</p> <p>Excluded criteria: The exclusion criteria included a history of mental retardation, pervasive developmental disorder, organic mental disorder, bipolar disorder, a psychotic disorder, or borderline or schizotypal personality disorder. Other Axis I disorders such as generalized anxiety disorder, major depression, or dysthymia were acceptable as long as SAD was judged to be clearly primary to and of greater severity than the secondary diagnosis. Additional exclusion criteria were the presence of imminent suicidal risk (as assessed by the diagnostician using the ADIS-DSM-IV; Beck Depression Inventory), substance abuse or dependence within the past year, or a previous trial of behavior or cognitive behavior therapy for SAD.</p> <p>Pretreatment: ANOVAs and post hoc tests revealed no pre-treatment group differences on study measures, age, grade level, or number of sessions attended ($p > .05$) (see Table 1). Chi-square analyses revealed no significant differences between the groups on any of the categorical variables, including gender, race/ethnicity, parental marriage status</p>
<p>Interventions</p>	<p>Intervention Characteristics Intervention (CBT)</p> <ul style="list-style-type: none"> ● Description of type of intervention/control: The G-CBT group met for 2-h sessions each week and were coled by 2 therapists. Groups ranged in size from 4 to 6 patients. The major treatment components of G-CBT included psychoeducation, breathing retraining, cognitive restructuring, simulated and in vivo exposure to phobic stimuli, and social skills training. The overall format of the group and the exposure and cognitive restructuring components were derived largely from the treatment program developed by Heimberg (1991) and Heimberg and Becker (2002) and was similar to the application of Heimberg's protocol to adolescents described by Albano (1995). ● Length of intervention/control (weeks and sessions): 12 weeks and 12 sessions ● Length of follow-up (in months): 6 months <p>Control</p> <ul style="list-style-type: none"> ● Description of type of intervention/control: Psychoeducational-Supportive Therapy (PST) Like those in the G-CBT condition, participants in the PST group conditions met for 2-h sessions and were coled by two therapists. PST

	<p>groups were comprised of 4 to 6 participants. The PST program was based upon the protocol utilized by Heimberg et al. (1990) and Heimberg et al. (1993). The PST program included discussions each session around various topics relevant to SAD. Therapists offered support but did not provide specific advice, teach skills, problem solve, or assign exposure exercises</p> <ul style="list-style-type: none"> ● <i>Length of intervention/control (weeks and sessions):</i> ● <i>Length of follow-up (in months):</i>
<p>Outcomes</p>	<p><i>Remission of primary anxiety diagnosis (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: Dichotomous Outcome <p><i>Youth reported anxiety symptoms (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: Continuous Outcome <p><i>Parent reported anxiety symptoms (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: Continuous Outcome ● Reporting: Fully reported ● Scale: SAS-P ● Range: 18-90 ● Unit of measure: Points ● Direction: Lower is better ● Data value: Endpoint <p><i>Remission of primary anxiety diagnosis (longest FU, at least 3 months)</i></p> <ul style="list-style-type: none"> ● Outcome type: Dichotomous Outcome ● Reporting: Fully reported ● Direction: Higher is better ● Data value: Endpoint <p><i>Youth reported anxiety symptoms (longest FU, at least 3 months)</i></p> <ul style="list-style-type: none"> ● Outcome type: Continuous Outcome ● Reporting: Fully reported ● Scale: SPAI-C ● Range: 0-52 ● Unit of measure: Points ● Direction: Lower is better

	<ul style="list-style-type: none"> ● Data value: Endpoint <p><i>Parent reported anxiety symptoms (longest FU, at least 3 months)</i></p> <ul style="list-style-type: none"> ● Outcome type: ContinuousOutcome ● Reporting: Fully reported ● Scale: SAS-P ● Range: 18-90 ● Unit of measure: Points ● Direction: Lower is better ● Data value: Endpoint <p><i>Youth reported functioning (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: ContinuousOutcome ● Reporting: Fully reported ● Scale: Self rated performance ● Range: 1-5 ● Unit of measure: Points ● Direction: Higher is better ● Data value: Endpoint <p><i>Observer reported functioning (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: ContinuousOutcome ● Reporting: Fully reported ● Scale: CGI-S ● Range: 1-7 ● Unit of measure: Points ● Direction: Lower is better ● Data value: Endpoint <p><i>Combined youth and observer reported functioning (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: ContinuousOutcome ● Reporting: Not reported <p><i>Number that discontinued treatment or control (EoT)</i></p> <ul style="list-style-type: none"> ● Outcome type: DichotomousOutcome
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<p>Identification</p>	<p>Sponsorship source: This study was supported by National Institute of Mental Healthgrant R01 MH052232 awarded to Dr. Herbert Country: USA Setting: Comments: Authors name: Herbert 2009 Institution: Email: james.herbert@drexel.edu Address: Department of Psychology, Drexel University, MailStop 988, 245 N. 15th Street, Philadelphia, PA 19102-1192, USA.</p>
<p>Notes</p>	<p><i>Nkr 43 Angst on 02/05/2016 20:29</i> Select The comparator is based on at protocol, but I'm uncertain if it can be considered a form of therapy: The PST program was based upon the protocol utilized by Heimberg et al. (1990) and Heimberg et al. (1993). The PST program included discussions each session around various topics relevant to SAD. Therapists offered support but did not provide specific advice, teach skills, problem solve, or assign exposure exercises</p> <p><i>Nkr 43 Angst on 02/05/2016 20:30</i> Select This study is partly extracted in James et al., 2015. The following data has already been extracted in the Cochrane review (analysis 2): Remission EoT, Child anxiety symp EoT, Lost to follow-up.</p> <p><i>Nkr 43 Angst on 07/05/2016 00:22</i> Included The comparison is between group CBT and group PST</p> <p><i>Nkr 43 Angst on 07/05/2016 00:31</i> Outcomes The following data has already been extracted in the Cochrane review (analysis 2): Remission EoT, Child anxiety symp EoT, Lost to follow-up.</p>

Risk of bias table

Bias	Authors' judgement	Support for judgement
Sequence Generation	Low risk	Quote: "Once individuals were enrolled into the study, they were randomly assigned to one of three treatment conditions (see below for description of conditions) using a block design with block sizes of 6." Judgement Comment: No details but likely ok
Allocation concealment	Unclear risk	Judgement Comment: Not described
Blinding of participants and personnel	High risk	Judgement Comment: Not blinded
Blinding of outcome assessors	Low risk	Quote: "Trained interviewers who conducted the outcome assessments were blind to group assignment and assessment occasion. In addition, observers who provided ratings of various social performance indices derived from the behavioral tasks were likewise blind to group assignment and assessment occasion."
Incomplete outcome data	High risk	Judgement Comment: High attrition rate between 17% to 27%
Selective outcome reporting	Low risk	Judgement Comment: None detected
Other sources of bias	Low risk	Judgement Comment: None detected

Footnotes

Characteristics of excluded studies

Barrington 2005

Reason for exclusion	Wrong patient population
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Bogels 2014

Reason for exclusion	Adult population
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Cobham 2012

Reason for exclusion	Wrong comparator
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Garcia Lopez 2006

Reason for exclusion	Wrong comparator
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Ginsburg 2002

Reason for exclusion	Wrong comparator
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Hudson 2009

Reason for exclusion	Wrong comparator
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Kendall 2008

Reason for exclusion	Wrong comparator
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Kendall 2009

Reason for exclusion	Wrong study design
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MasiaWarner 2007

Reason for exclusion	Wrong comparator
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Muris 2002

Reason for exclusion	Wrong comparator
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Reaven 2012

Reason for exclusion	Wrong patient population
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Sung 2011

Reason for exclusion	Wrong patient population
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Footnotes

Characteristics of studies awaiting classification

Footnotes

Characteristics of ongoing studies

Footnotes

Summary of findings tables

Additional tables

References to studies

Included studies

Ginsburg 2012

Ginsburg, G. S.; Becker, K. D.; Drazdowski, T. K.; Tein, J. Y.. Treating Anxiety Disorders in Inner City Schools: Results from a Pilot Randomized Controlled Trial Comparing CBT and Usual Care. Child & youth care forum 2012;41(1):1-19. [DOI: 10.1007/s10566-011-9156-4 [doi]]

Herbert 2009

Herbert, J. D.; Gaudiano, B. A.; Rheingold, A. A.; Moitra, E.; Myers, V. H.; Dalrymple, K. L.; Brandsma, L. L.. Cognitive behavior therapy for generalized social anxiety disorder in adolescents: a randomized controlled trial. *Journal of anxiety disorders* 2009;23(2):167-177. [DOI: 10.1016/j.janxdis.2008.06.004 [doi]]

Excluded studies**Barrington 2005**

Barrington, J.; Prior, M.; Richardson, M.; Allen, K.. Effectiveness of CBT versus standard treatment for childhood anxiety disorders in a community clinic setting. *Behaviour Change* 2005;22(1):29-43. [DOI:]

Bogels 2014

Bogels, S. M.; Wijts, P.; Oort, F. J.; Sallaerts, S. J.. Psychodynamic psychotherapy versus cognitive behavior therapy for social anxiety disorder: an efficacy and partial effectiveness trial. *Depression and anxiety* 2014;31(5):363-373. [DOI: 10.1002/da.22246 [doi]]

Cobham 2012

Cobham, V. E.. Do anxiety-disordered children need to come into the clinic for efficacious treatment? *Journal of consulting and clinical psychology* 2012;80(3):465-476. [DOI: 10.1037/a0028205 [doi]]

Garcia Lopez 2006

Garcia-Lopez, L. J.; Olivares, J.; Beidel, D.; Albano, A. M.; Turner, S.; Rosa, A. I.. Efficacy of three treatment protocols for adolescents with social anxiety disorder: a 5-year follow-up assessment. *Journal of anxiety disorders* 2006;20(2):175-191. [DOI: S0887-6185(05)00025-3 [pii]]

Ginsburg 2002

Ginsburg, G. S.; Drake, K. L.. School-based treatment for anxious african-american adolescents: a controlled pilot study. *Journal of the American Academy of Child and Adolescent Psychiatry* 2002;41(7):768-775. [DOI: S0890-8567(09)61042-X [pii]]

Hudson 2009

Hudson, J. L.; Rapee, R. M.; Deveney, C.; Schniering, C. A.; Lyneham, H. J.; Bovopoulos, N.. Cognitive-behavioral treatment versus an active control for children and adolescents with anxiety disorders: a randomized trial. *Journal of the American Academy of Child and Adolescent Psychiatry* 2009;48(5):533-544. [DOI: 10.1097/CHI.0b013e31819c2401 [doi]]

Kendall 2008

Kendall, P. C.; Hudson, J. L.; Gosch, E.; Flannery-Schroeder, E.; Suveg, C.. Cognitive-behavioral therapy for anxiety disordered youth: a randomized clinical trial evaluating child and family modalities. *Journal of consulting and clinical psychology* 2008;76(2):282-297. [DOI: 10.1037/0022-006X.76.2.282 [doi]]

Kendall 2009

Kendall, P. C.; Comer, J. S.; Marker, C. D.; Creed, T. A.; Puliatico, A. C.; Hughes, A. A.; Martin, E. D.; Suveg, C.; Hudson, J.. In-session exposure tasks and therapeutic alliance across the treatment of childhood anxiety disorders. *Journal of consulting and clinical psychology* 2009;77(3):517-525. [DOI: 10.1037/a0013686 [doi]]

MasiaWarner 2007

Masia Warner, C.; Fisher, P. H.; Shrout, P. E.; Rathor, S.; Klein, R. G.. Treating adolescents with social anxiety disorder in school: an attention control trial. *Journal of child psychology and psychiatry, and allied disciplines* 2007;48(7):676-686. [DOI: JCPP1737 [pii]]

Muris 2002

Muris, P.; Meesters, C.; van Melick, M.. Treatment of childhood anxiety disorders: a preliminary comparison between cognitive-behavioral group therapy and a psychological placebo intervention. *Journal of Behavior Therapy and Experimental Psychiatry* 2002;33(3-4):143-158. [DOI: S0005791602000253 [pii]]

Reaven 2012

Reaven, J.; Blakeley-Smith, A.; Culhane-Shelburne, K.; Hepburn, S.. Group cognitive behavior therapy for children with high-functioning autism spectrum disorders and anxiety: a randomized trial. *Journal of child psychology and psychiatry, and allied disciplines* 2012;53(4):410-419. [DOI:]

Sung 2011

Sung, M.; Ooi, Y. P.; Goh, T. J.; Pathy, P.; Fung, D. S.; Ang, R. P.; Chua, A.; Lam, C. M.. Effects of cognitive-behavioral therapy on anxiety in children with autism spectrum disorders: a randomized controlled trial. *Child psychiatry and human development* 2011;42(6):634-649. [DOI: 10.1007/s10578-011-0238-1 [doi]]

Studies awaiting classification**Ongoing studies****Other references****Additional references**

Other published versions of this review

Data and analyses

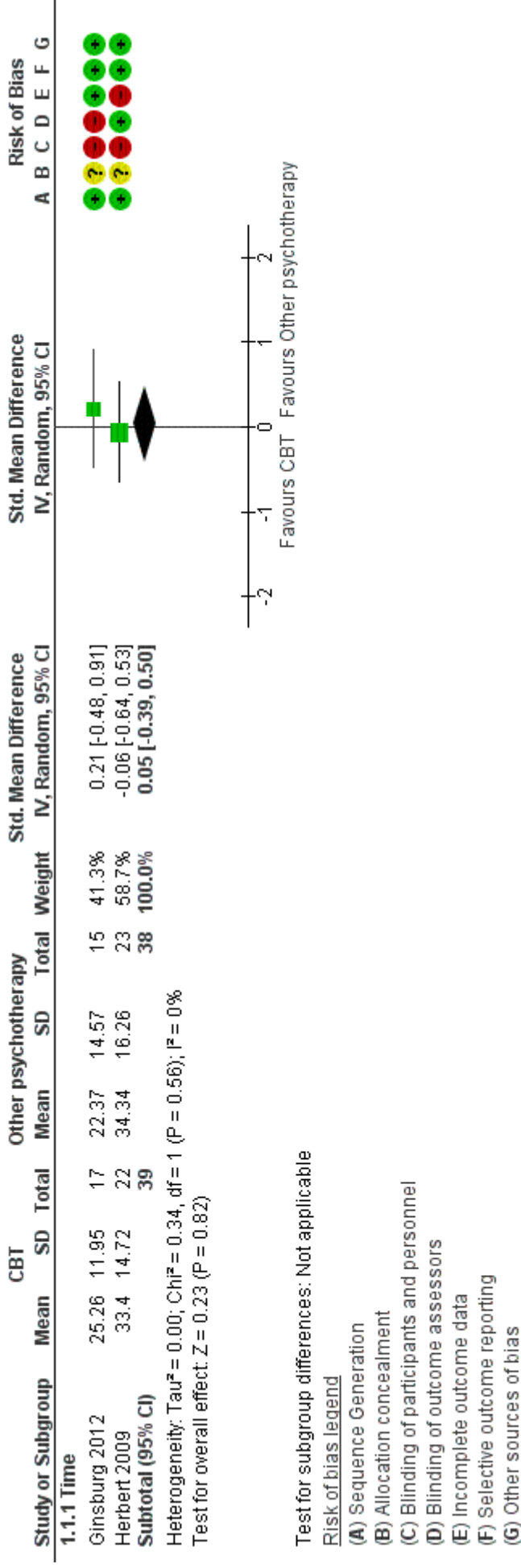
1 CBT vs other forms of psychotherapy

Outcome or Subgroup	Studies	Participants	Statistical Method	Effect Estimate
1.1 Youth reported anxiety symptoms (EoT)	2		Std. Mean Difference (IV, Random, 95% CI)	Subtotals only
1.1.1 Time	2	77	Std. Mean Difference (IV, Random, 95% CI)	0.05 [-0.39, 0.50]
1.2 Parent reported anxiety symptoms (EoT)	2		Std. Mean Difference (IV, Random, 95% CI)	Subtotals only
1.2.1 Time	2	77	Std. Mean Difference (IV, Random, 95% CI)	0.16 [-0.29, 0.61]
1.3 Youth reported anxiety symptoms (longest FU, at least 3 months)	1		Mean Difference (IV, Fixed, 95% CI)	Subtotals only
1.3.1 Time	1	45	Mean Difference (IV, Fixed, 95% CI)	-5.55 [-14.80, 3.70]
1.4 Parent reported anxiety symptoms (longest FU, at least 3 months)	1		Mean Difference (IV, Fixed, 95% CI)	Subtotals only
1.4.1 Time	1	45	Mean Difference (IV, Fixed, 95% CI)	14.08 [6.16, 22.00]
1.5 Youth reported functioning (EoT)	1		Mean Difference (IV, Fixed, 95% CI)	Subtotals only
1.5.1 Time	1	45	Mean Difference (IV, Fixed, 95% CI)	0.52 [0.07, 0.97]
1.6 Observer reported functioning (EoT)	2		Mean Difference (IV, Random, 95% CI)	Subtotals only
1.6.1 Time	2	77	Mean Difference (IV, Random, 95% CI)	0.30 [-0.56, 1.16]
1.7 Combined youth and observer reported functioning (EoT)	1		Mean Difference (IV, Fixed, 95% CI)	Subtotals only
1.7.1 Time	1	32	Mean Difference (IV, Fixed, 95% CI)	0.44 [-0.05, 0.93]

1.8 Remission of primary anxiety diagnosis (EoT)	2					Risk Ratio (IV, Random, 95% CI)	Subtotals only
1.8.1 Time	2	67				Risk Ratio (IV, Random, 95% CI)	0.75 [0.32, 1.76]
1.9 Remission of primary anxiety diagnosis (longest FU, at least 3 months)	1					Risk Ratio (IV, Fixed, 95% CI)	Subtotals only
1.9.1 Time	1	28				Risk Ratio (IV, Fixed, 95% CI)	4.04 [1.01, 16.13]
1.10 Number that discontinued treatment or control (EoT)	2					Risk Ratio (IV, Fixed, 95% CI)	Subtotals only
1.10.1 Time	2	79				Risk Ratio (IV, Fixed, 95% CI)	0.95 [0.39, 2.36]

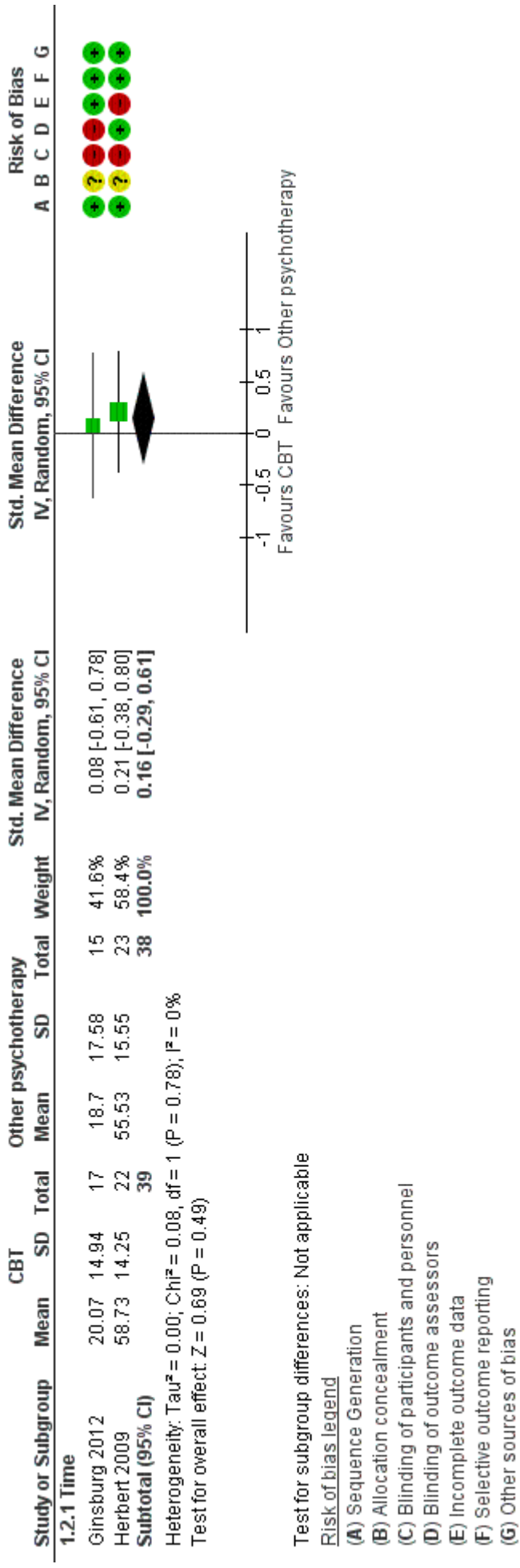
Figures

Figure 1 (Analysis 1.1)



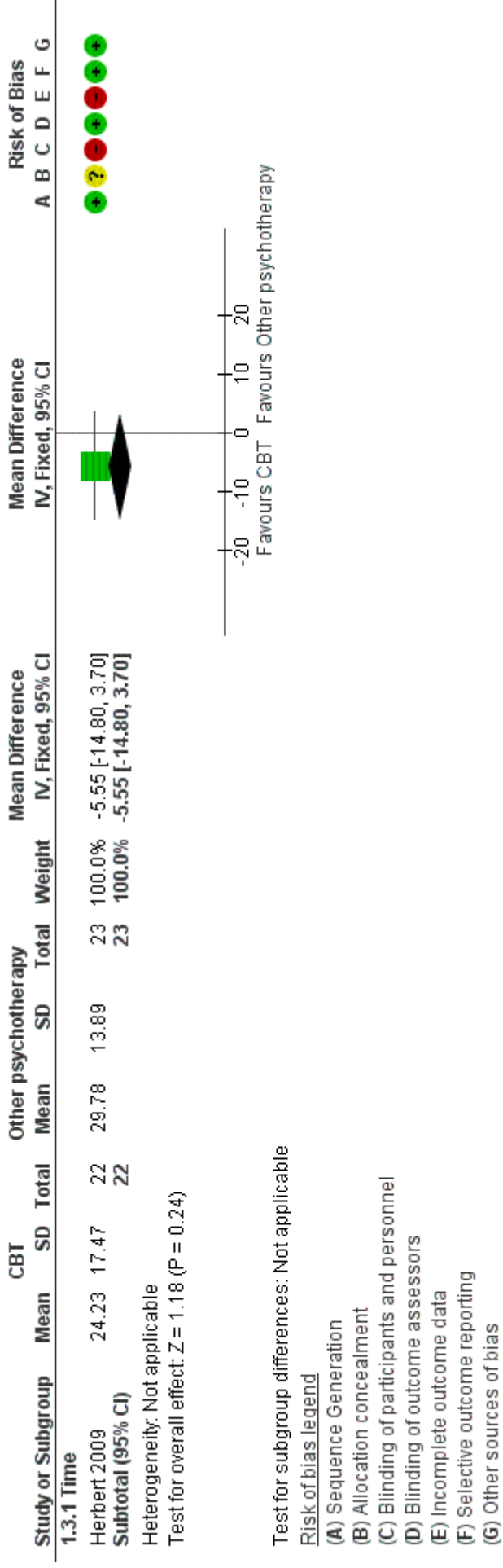
Forest plot of comparison: 1 CBT vs other forms of psychotherapy, outcome: 1.1 Youth reported anxiety symptoms (EoT).

Figure 2 (Analysis 1.2)



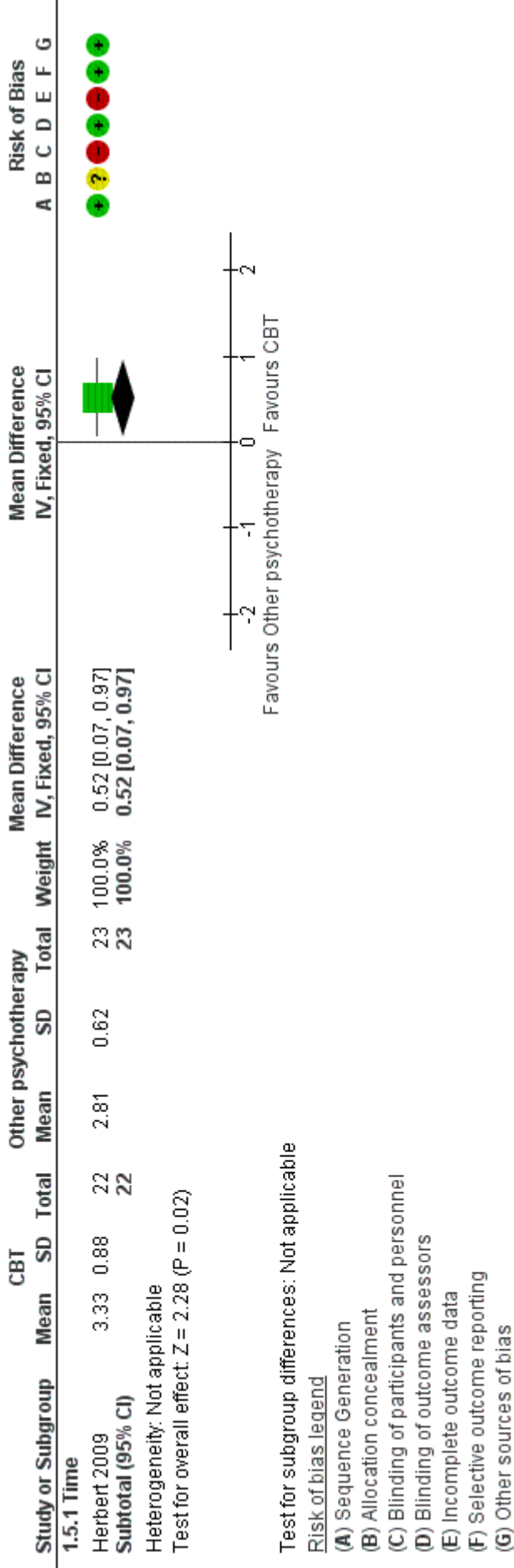
Forest plot of comparison: 1 CBT vs other forms of psychotherapy, outcome: 1.2 Parent reported anxiety symptoms (EoT).

Figure 3 (Analysis 1.3)



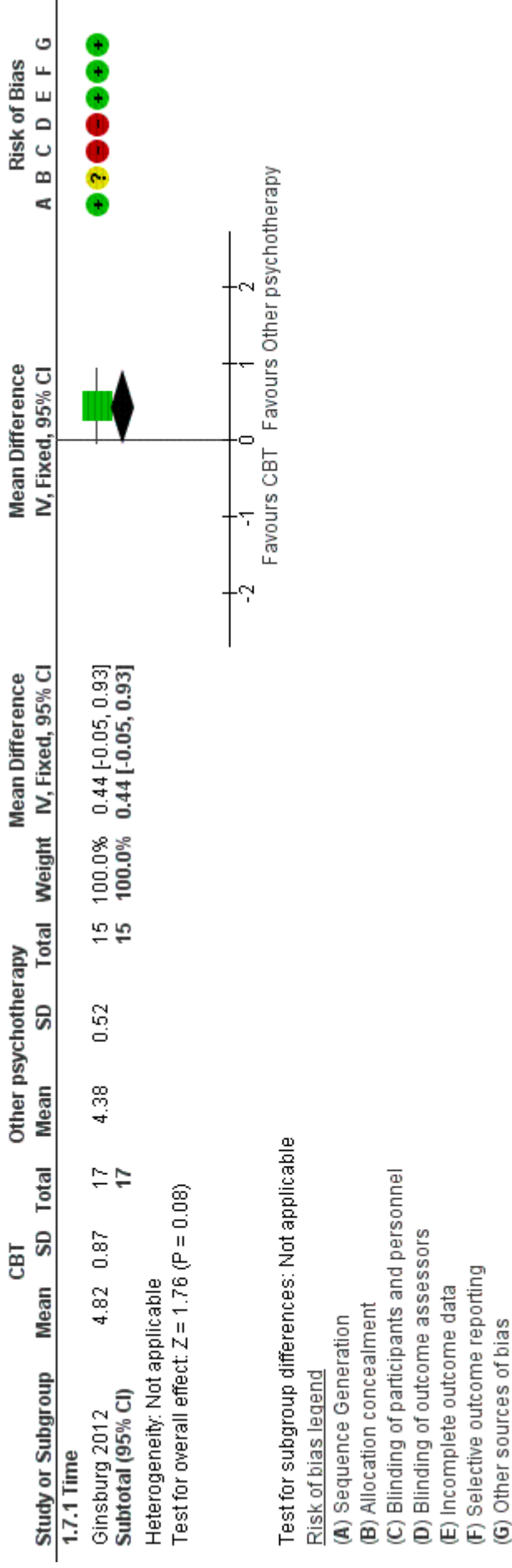
Forest plot of comparison: 1 CBT vs other forms of psychotherapy, outcome: 1.3 Youth reported anxiety symptoms (longest FU, at least 3 months).

Figure 4 (Analysis 1.5)



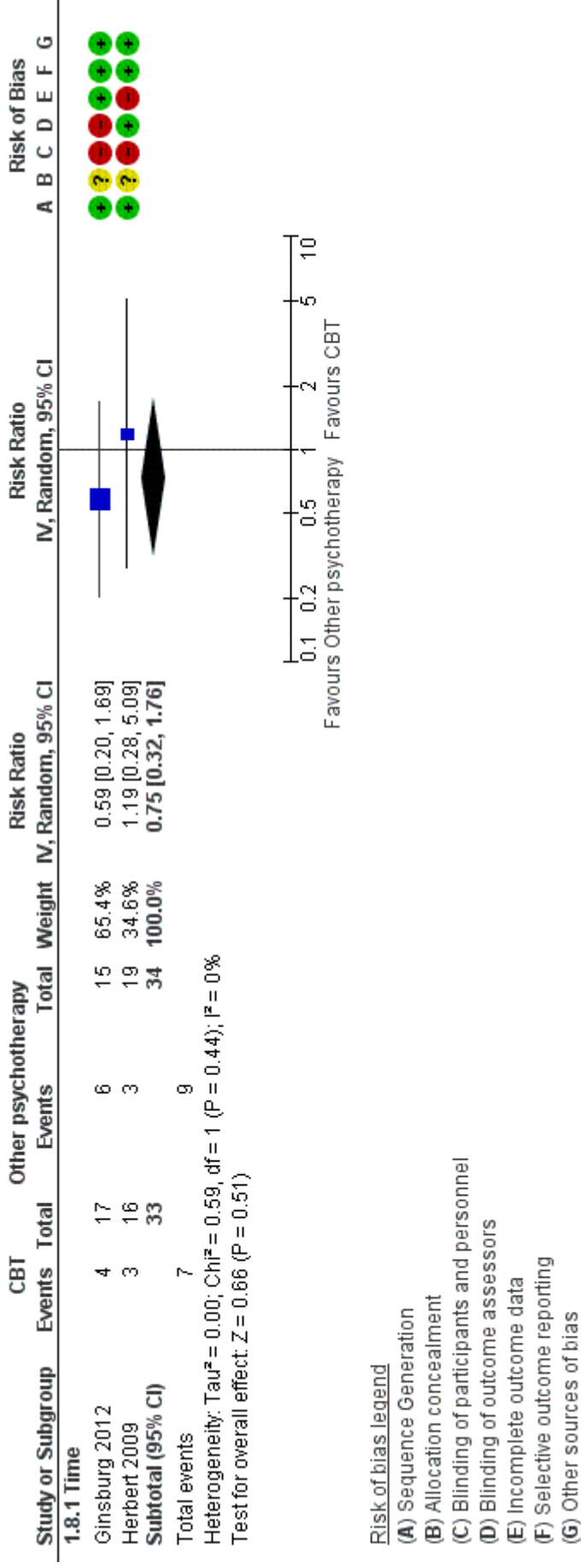
Forest plot of comparison: 1 CBT vs other forms of psychotherapy, outcome: 1.5 Youth reported functioning (EoT).

Figure 5 (Analysis 1.6)



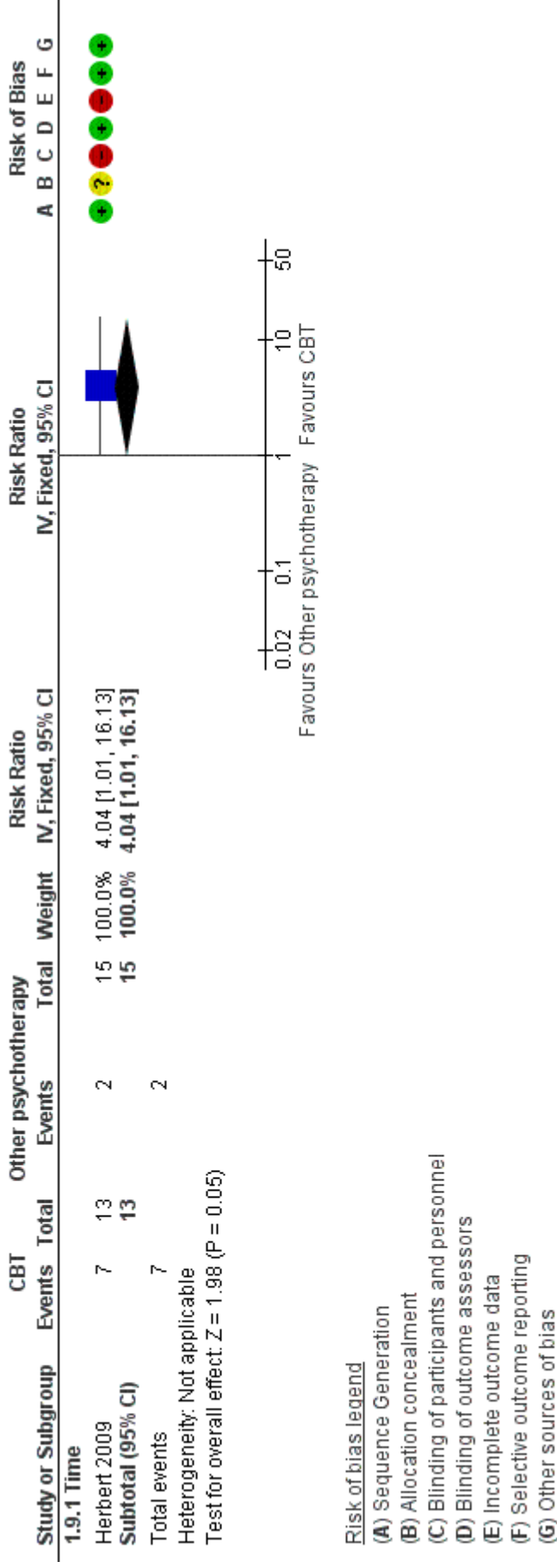
Forest plot of comparison: 1 CBT vs other forms of psychotherapy, outcome: 1.7 Combined youth and observer reported functioning (EoT).

Figure 7 (Analysis 1.8)



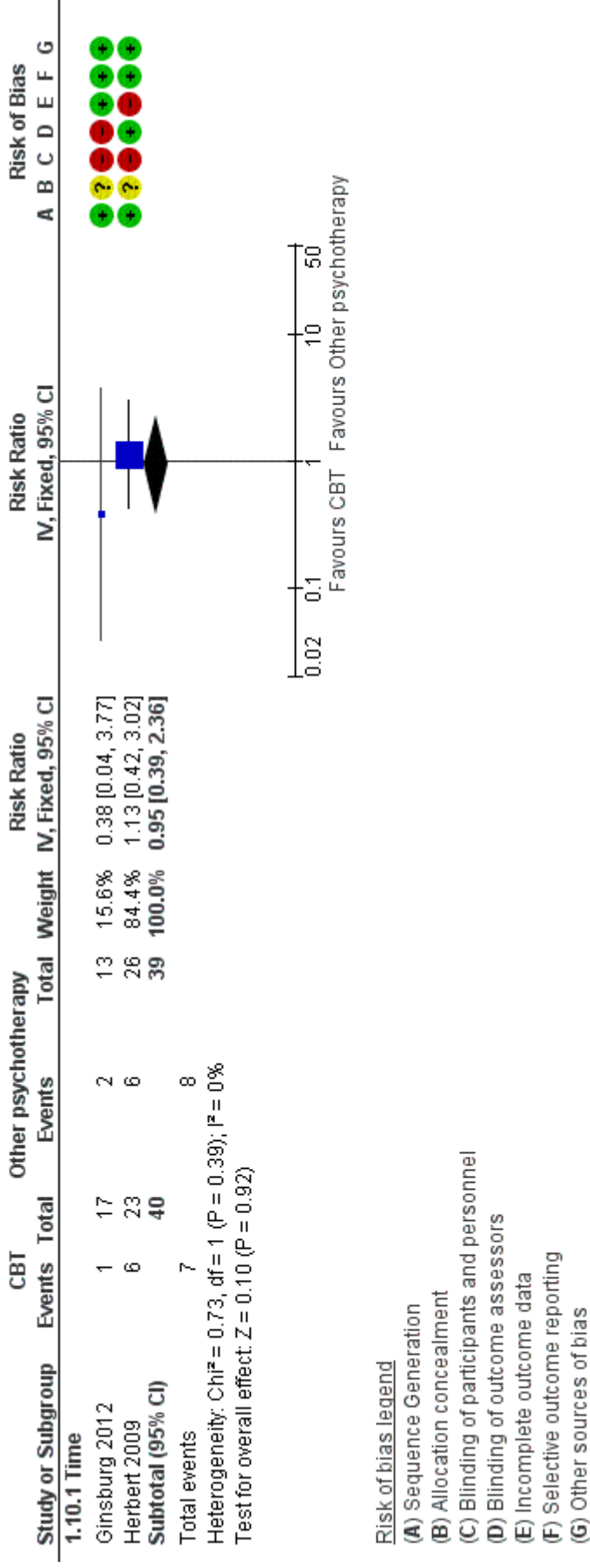
Forest plot of comparison: 1 CBT vs other forms of psychotherapy, outcome: 1.8 Remission of primary anxiety diagnosis (EoT).

Figure 8 (Analysis 1.9)



Forest plot of comparison: 1 CBT vs other forms of psychotherapy, outcome: 1.9 Remission of primary anxiety diagnosis (longest FU, at least 3 months).

Figure 9 (Analysis 1.10)



Forest plot of comparison: 1 CBT vs other forms of psychotherapy, outcome: 1.10 Number that discontinued treatment or control (EoT).

Figure 10

	Sequence Generation	Allocation concealment	Blinding of participants and personnel	Blinding of outcome assessors	Incomplete outcome data	Selective outcome reporting	Other sources of bias
Ginsburg 2012	+	?	-	-	+	+	+
Herbert 2009	+	?	-	+	-	+	+

Risk of bias summary: review authors' judgements about each risk of bias item for each included study.