Supplementary material

Supplementary material 2. Search strategy.

**PubMed SEARCH1 876 clinical trial 131**

((((((((((Dental Anxiety) OR (Dental Anxieties)) OR (Dental Fear)) OR (Dental Fears)) OR (Odontophobia)) OR (Odontophobias)) OR (Dental Phobia)) OR (Dental Phobias)) OR (Dental phobic)) OR (Dental phobics)) AND **(((((((((((((((((((Behavior Therapy) OR “Behavior Therapy” OR “Behaviour Therapy” OR “Behavior Therapies” OR “Behaviour Therapies” OR “Behavior Treatment” OR “Behavior Treatments” OR “Behaviour Treatment” OR “Behaviour Treatments” OR “Behavioral Therapy” OR “Behavioral Therapies” OR “Behavioural Therapy” OR “Behavioural Therapies” OR “Behavioral Treatment” OR “Behavioral Treatments” OR “Behavioural Treatment” OR “Behavioural Treatments” OR (Conditioning Therapy)) OR (Conditioning Therapies)) OR (Behavior Modification)) OR (Behavior Modifications)) OR (Cognitive Therapy [MeSH Terms]) OR “Cognitive Behavior Therapy” OR “Cognitive Behaviour Therapy” OR “Cognitive Behavior Therapies” OR “Cognitive Behaviour Therapies” OR “Cognitive Behavior Treatment” OR “Cognitive Behavior Treatments” OR “Cognitive Behaviour Treatment” OR “Cognitive Behaviour Treatments” OR “Cognitive Behavioral Therapy” OR “Cognitive Behavioral Therapies” OR “Cognitive Behavioural Therapy” OR “Cognitive Behavioural Therapies” OR “Cognitive Behavioral Treatment” OR “Cognitive Behavioral Treatments” OR “Cognitive Behavioural Treatment” OR “Cognitive Behavioural Treatments”) OR (Cognitive Psychotherapy)) OR (Cognitive Therapy)) OR (Cognition Therapy)) OR (Desensitization, Psychologic [MeSH Terms])) OR (Psychologic Desensitization) OR (Psychological Desensitization)) OR (Systematic desensitization therapy)) OR (Mindfulness)) OR (Implosive Therapy)) OR (Flooding Therapy)) OR (Exposure Therapy)) OR (Relaxation Therapy [MeSH Terms])) OR (Meditation)**) AND **((((((kids) OR (kid)) OR (children)) OR (teenager)) OR (child)) OR (teenagers)**)

**Embase 468**

“dental anxiety”/exp OR “dental anxiety” OR “dental fear”/exp OR “dental fear” OR “odontophobias” OR “dental phobis”

kids OR kid OR children OR teenager OR child OR teenagers

((((((((((((((((behavior AND therapy OR “behavior therapy” OR “behaviour therapy” OR “behavior therapies” OR “behaviour therapies” OR “behavior treatment” OR “behavior treatments” OR “behaviour treatment” OR “behaviour treatments” OR “behavioral therapy” OR “behavioral therapies” OR “behavioural therapy” OR “behavioural therapies” OR “behavioral treatment” OR “behavioral treatments” OR “behavioural treatment” OR “behavioural treatments” OR conditioning) AND therapy OR conditioning) AND therapies OR behavior) AND modification OR behavior) AND modifications OR cognitive) AND therapy OR “cognitive behavior therapy” OR “cognitive behaviour therapy” OR “cognitive behavior therapies” OR “cognitive behaviour therapies” OR “cognitive behavior treatment” OR “cognitive behavior treatments” OR “cognitive behaviour treatment” OR “cognitive behaviour treatments” OR “cognitive behavioral therapy” OR “cognitive behavioral therapies” OR “cognitive behavioural therapy” OR “cognitive behavioural therapies” OR “cognitive behavioral treatment” OR “cognitive behavioral treatments” OR “cognitive behavioural treatment” OR “cognitive behavioural treatments” OR cognitive) AND psychotherapy OR cognitive) AND therapy OR cognition) AND therapy OR desensitization,) AND psychologic OR psychologic) AND desensitization OR psychological) AND desensitization OR systematic) AND desensitization AND therapy OR mindfulness OR implosive) AND therapy OR flooding) AND therapy OR exposure) AND therapy OR relaxation) AND therapy OR meditation

**The Cochrane Library 219**

1 MeSH descriptor Dental Anxiety explode all trees 190 #2 (Dental anxiety ):ti,ab,kw or (Dental Fear):ti,ab,kw or (Odontophobia):ti,ab,kw or (Dental Phobia):ti,ab,kw or (Dental phobic):ti,ab,kw 451 #3 (#1 OR #2) 451 #4 (Behavior Therapy ):ti,ab,kw or (Conditioning Therapy):ti,ab,kw or (Behavior Modification):ti,ab,kw 14625 #5 MeSH descriptor Cognitive Therapy explode all trees 3531 #6 (Cognitive Therapy):ti,ab,kw or (Cognitive Behavior Therapy):ti,ab,kw or (CBT):ti,ab,kw or (Cognitive Psychotherapy):ti,ab,kw or (Cognition Therapy):ti,ab,kw 9045 #7 (Psychological Desensitization ):ti,ab,kw or (Psychologic Desensitization ):ti,ab,kw 354 #8 MeSH descriptor Relaxation Therapy explode all trees 1204 #9 (Relaxation):ti,ab,kw 4772 #10 MeSH descriptor Meditation explode all trees 169 #11 (Meditation):ti,ab,kw 400 #12 (cognitive behavior treatment ):ti,ab,kw 1569 #13 MeSH descriptor Behavior Therapy, this term only 2988 #14 (Behavioral Treatment):ti,ab,kw or (Behavioral Therapy):ti,ab,kw 7177 #15 (Cognitive Behavioral Therapy):ti,ab,kw or (Cognitive Behavioral Treatment):ti,ab,kw 3497 #16 MeSH descriptor Desensitization, Psychologic, this term only 289 #17 (Systematic desensitization therapy):ti,ab,kw 42 #18 (Mindfulness):ti,ab,kw 235 #19 MeSH descriptor Implosive Therapy, this term only 76 #20 (Implosive Therapy ):ti,ab,kw 112 #21 (Flooding Therapy):ti,ab,kw 16 #22 (Exposure Therapy):ti,ab,kw 2157 #23 (#4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22) 29363 #24 (#3 AND #23) 103 #25 (#24), from 1970 to 2011 103

**Web of science 962**

((((((((((((((((behavior AND therapy OR “behavior therapy” OR “behaviour therapy” OR “behavior therapies” OR “behaviour therapies” OR “behavior treatment” OR “behavior treatments” OR “behaviour treatment” OR “behaviour treatments” OR “behavioral therapy” OR “behavioral therapies” OR “behavioural therapy” OR “behavioural therapies” OR “behavioral treatment” OR “behavioral treatments” OR “behavioural treatment” OR “behavioural treatments” OR conditioning) AND therapy OR conditioning) AND therapies OR behavior) AND modification OR behavior) AND modifications OR cognitive) AND therapy OR “cognitive behavior therapy” OR “cognitive behaviour therapy” OR “cognitive behavior therapies” OR “cognitive behaviour therapies” OR “cognitive behavior treatment” OR “cognitive behavior treatments” OR “cognitive behaviour treatment” OR “cognitive behaviour treatments” OR “cognitive behavioral therapy” OR “cognitive behavioral therapies” OR “cognitive behavioural therapy” OR “cognitive behavioural therapies” OR “cognitive behavioral treatment” OR “cognitive behavioral treatments” OR “cognitive behavioural treatment” OR “cognitive behavioural treatments” OR cognitive) AND psychotherapy OR cognitive) AND therapy OR cognition) AND therapy OR desensitization,) AND psychologic OR psychologic) AND desensitization OR psychological) AND desensitization OR systematic) AND desensitization AND therapy OR mindfulness OR implosive) AND therapy OR flooding) AND therapy OR exposure) AND therapy OR relaxation) AND therapy OR meditation