

SUPPLEMENTARY MATERIAL – APPENDIX 1

FULL SEARCH STRATEGY:

Databases: PubMed, EMBASE, BIREME/BVS

- Main search:

Antidepressant therapeutic class (medical term) AND mental disorder (medical term) AND term “pregnancy”

- Specific search:

a) Antidepressant therapy class (medical term) AND mental disorders (medical term) AND “pregnancy” AND “child”;

b) Antidepressant Therapeutic Class (medical term) AND mental disorders (medical term) AND “pregnancy” AND “offspring”;

c) Antidepressant Therapeutic Class (medical term) AND mental disorders (medical term) AND “pregnancy” AND “progeny”.

- Entry terms for **Therapeutic classes**:

a) Serotonin Uptake Inhibitors OR

5-HT Uptake Inhibitors OR

5-Hydroxytryptamine Uptake Inhibitors OR

Selective Serotonin Reuptake Inhibitors OR

Serotonin Reuptake Inhibitors

b) SNRIs OR

SSRIs and NRIs OR

Serotonin and Noradrenaline Uptake Inhibitors OR

Serotonin and Noradrenaline Reuptake Inhibitors OR

Serotonin and Norepinephrine Reuptake Inhibitors OR

Serotonin and Norepinephrine Uptake Inhibitors

c) Antidepressant Drugs, Tricyclic OR

Antidepressants, Tricyclic OR

Tricyclic Antidepressive Agents

- Entry terms for **Mental disorders**

a) Anxiety disorders

Agoraphobia
Anxiety, separation
Neurocirculatory asthenia
Neurotic disorders
Obsessive-compulsive disorder
Panic disorder
Phobic disorders

b) Bipolar disorder

c) Mood disorders

Depressive disorder
Cyclothymic disorder

d) Motor disorders

e) Neurocognitive disorders

Amnesia
Alcohol amnestic disorder
Amnesia, anterograde
Amnesia, retrograde
Amnesia, transient global
Cognition disorders
Auditory perceptual disorders
Huntington disease
Cognitive dysfunction
Consciousness disorders
Delirium
Emergence delirium
Dementia
AIDS dementia complex
Alzheimer disease
Aphasia, primary progressive

Creutzfeldt-Jakob syndrome
Dementia, vascular
Diffuse neurofibrillary tangles with calcification
Frontotemporal lobar degeneration
Huntington disease
Kluver-Bucy syndrome
Lewy body disease
Dyslexia, acquired
Alexia, pure

f) Neurodevelopmental disorders

Anxiety, separation
Attention *deficit* and disruptive behavior disorders
Attention *deficit* disorder with hyperactivity
Conduct disorder
Child behavior disorders
Child development disorders, pervasive
Asperger syndrome
Autism spectrum disorder
Autistic disorder
Communication disorders
Childhood-onset fluency disorder
Social communication disorder
Speech sound disorder
Developmental disabilities
Intellectual disability
Learning disorders
Dyscalculia
Dyslexia
Specific learning disorder
Motor skills disorders
Mutism
Reactive attachment disorder
Schizophrenia, childhood
Stereotypic movement disorder

Tic disorders

Tourette syndrome

g) Schizophrenia spectrum

Affective disorders, psychotic

Capgras syndrome

Delusional parasitosis

Morgellons disease

Paranoid disorders

Psychotic disorders

Psychoses, substance-induced

Schizophrenia

Examples:

PubMed and EMBASE:

("serotonin uptake inhibitors"[Pharmacological Action] OR "serotonin uptake inhibitors"[MeSH Terms] OR ("serotonin"[All Fields] AND "uptake"[All Fields] AND "inhibitors"[All Fields]) OR "serotonin uptake inhibitors"[All Fields] OR "ssri"[All Fields]) AND ("intellectual disability"[MeSH Terms] OR ("intellectual"[All Fields] AND "disability"[All Fields]) OR "intellectual disability"[All Fields])) AND ("pregnancy"[MeSH Terms] OR "pregnancy"[All Fields])) AND offspring[All Fields]

("serotonin and noradrenaline reuptake inhibitors"[Pharmacological Action] OR "serotonin and noradrenaline reuptake inhibitors"[MeSH Terms] OR ("serotonin"[All Fields] AND "noradrenaline"[All Fields] AND "reuptake"[All Fields] AND "inhibitors"[All Fields]) OR "serotonin and noradrenaline reuptake inhibitors"[All Fields] OR "snri"[All Fields]) AND ("anxiety disorders"[MeSH Terms] OR ("anxiety"[All Fields] AND "disorders"[All Fields]) OR "anxiety disorders"[All Fields])) AND ("pregnancy"[MeSH Terms] OR "pregnancy"[All Fields])

("serotonin uptake inhibitors"[Pharmacological Action] OR "serotonin uptake inhibitors"[MeSH Terms] OR ("serotonin"[All Fields] AND "uptake"[All Fields] AND "inhibitors"[All Fields]) OR "serotonin uptake inhibitors"[All Fields] OR "ssri"[All Fields]) AND ("intellectual disability"[MeSH Terms] OR ("intellectual"[All Fields] AND "disability"[All Fields]) OR

"intellectual disability"[All Fields])) AND ("pregnancy"[MeSH Terms] OR "pregnancy"[All Fields])) AND offspring[All Fields]

((("serotonin uptake inhibitors"[Pharmacological Action] OR "serotonin uptake inhibitors"[MeSH Terms] OR ("serotonin"[All Fields] AND "uptake"[All Fields] AND "inhibitors"[All Fields]) OR "serotonin uptake inhibitors"[All Fields] OR "ssri"[All Fields]) AND ("autism spectrum disorder"[MeSH Terms] OR ("autism"[All Fields] AND "spectrum"[All Fields] AND "disorder"[All Fields]) OR "autism spectrum disorder"[All Fields])) AND ("pregnancy"[MeSH Terms] OR "pregnancy"[All Fields])) AND offspring[All Fields]

((("serotonin uptake inhibitors"[Pharmacological Action] OR "serotonin uptake inhibitors"[MeSH Terms] OR ("serotonin"[All Fields] AND "uptake"[All Fields] AND "inhibitors"[All Fields]) OR "serotonin uptake inhibitors"[All Fields] OR "ssri"[All Fields]) AND ("attention deficit disorder with hyperactivity"[MeSH Terms] OR ("attention"[All Fields] AND "deficit"[All Fields] AND "disorder"[All Fields] AND "hyperactivity"[All Fields]) OR "attention deficit disorder with hyperactivity"[All Fields])) AND ("pregnancy"[MeSH Terms] OR "pregnancy"[All Fields])) AND offspring[All Fields]

BIREME/BVS:

(tw:(5-ht uptake inhibitors)) OR (tw:(5-hydroxytryptamine uptake inhibitors)) OR (tw:(selective serotonin reuptake inhibitors)) OR (tw:(serotonin reuptake inhibitors)) AND (tw:(autism spectrum disorder)) AND (tw:(pregnancy)) AND (tw:(child)) AND (instance:"regional")

(tw:(serotonin uptake inhibitors)) OR (tw:(5-ht uptake inhibitors)) OR (tw:(5-hydroxytryptamine uptake inhibitors)) OR (tw:(selective serotonin reuptake inhibitors)) OR (tw:(serotonin reuptake inhibitors)) AND (tw:(attention deficit disorder with hyperactivity)) AND (tw:(pregnancy)) AND (tw:(child)) AND (instance:"regional")

(tw:(serotonin uptake inhibitors)) OR (tw:(5-ht uptake inhibitors)) OR (tw:(5-hydroxytryptamine uptake inhibitors)) OR (tw:(selective serotonin reuptake inhibitors)) OR (tw:(serotonin reuptake inhibitors)) AND (tw:(intellectual disability)) AND (tw:(pregnancy)) AND (tw:(child)) AND (instance:"regional")) AND (instance:"regional")