Supplementary Material

Article Title: Effects of Antidepressants on Longevity and Dementia Onset Among Adults With Down Syndrome: A Retrospective Study

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List of Supplementary Material for the article

1. Appendix 1

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eAppendix 1

The following examinations, procedures, and tests were performed to rule out any other pathology or medical disorder that may be causing the reported decline, and to reach a diagnosis:

1. Physical and neurological examination performed by clinic neurologists.
2. An initial or repeat electroencephalography (EEG).
3. Blood work that included CBC, SMA-18, thyroid function tests, B₁₂ and folate as well as cytogenetic testing to confirm a diagnosis of Down syndrome (if not previously performed).
5. The following cognitive tests (when appropriate) were performed on one or more occasions to assess memory-recall, psychomotor skills and adaptive functioning:
   a. *Dalton/McMurray Visual Memory Test*¹ – tests visual recognition memory functions using colored and simple pattern stimuli following a match to sample acquisition and delayed match to sample retention procedure
   b. *Name Face Recall Task*²,³ – a visual-recall task that measures learning acquisition; assesses a person’s ability to recall names and faces during four recall test trials
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c. What’s in the Bag?\textsuperscript{3,4} - the person is asked to name and recall three common objects (cup, ball, comb) that are successively hidden in a bag. Three distracter objects (key, spoon, scissors) are used during the learning and acquisition trials.

d. Dyspraxia Scale for Adults with Down Syndrome\textsuperscript{5,6,7} – taps the abilities to perform simple sequences of highly-practiced voluntary movements involved in the skills of daily living.

e. Multi-Dimensional Observation Scale for Elderly Subjects (MOSES) Adapted for Persons with Down Syndrome\textsuperscript{8,9,10} - a 40-item questionnaire that measures five areas of function: self-help skills, disorientation, depression, irritability, and social withdrawal.

References


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