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## **Supplementary Material**

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

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## Effects of Antidepressants on Longevity and Dementia

### 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, B<sub>12</sub> and folate as well as cytogenetic testing to confirm a diagnosis of Down syndrome (if not previously performed).
4. Psychiatric examination using DSM III-R and DSM IV criteria.
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***<sup>1</sup> – 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***<sup>2,3</sup> – 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?***<sup>3,4</sup> - 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***<sup>5,6,7</sup> – 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***<sup>8,9,10</sup> - a 40-item questionnaire that measures five areas of function: self-help skills, disorientation, depression, irritability, and social withdrawal

## References

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