

Screening and Diagnosis of Dementia in People with an Intellectual Disability

Measurement domain	Assessment measure	Population	Level of ID	Description/structure	Administration
Dementia	Adaptive Behaviour in Dementia Questionnaire (ABDQ; Prasher, Asim, & Holder, 2004) ⁱ	Adult/ Older Adult	Mild/Moderate/Severe	<p><u>Structure:</u> A short 15-item questionnaire.</p> <p><u>Purpose:</u> Used to detect change in adaptive behaviour to screen for dementia in Alzheimer's disease in adults with Down Syndrome. Based on items of the Adaptive Behaviour Scale shown to decline in Down syndrome Alzheimer's disease.</p>	<p><u>Assessed by:</u> Mental health professional</p> <p><u>Answered by:</u> Informant</p>
	The Cambridge Examination for Mental Disorders of Older People with Down's Syndrome and Others with Intellectual Disabilities (CAMDEX-DS; Ball, Holland, Huppert, Treppner, & Dodd, 2006) ⁱⁱ	Older Adult	Mild/Moderate/Severe	<p><u>Structure:</u> Structured informant interview adapted from CAMDEX, which aligns symptoms to DSM-IV. Administered once, but could be repeated over time. Accompanied by the CAMCOG-DS assessment.</p> <p><u>Purpose:</u> Assesses a detailed history of cognitive and daily living skills, mood and functional declines over time. Used for diagnosis of cognitive disorder.</p>	<p><u>Assessed by:</u> Mental health professional</p> <p><u>Answered by:</u> Semi-structured informant interview</p>
	Cambridge Cognitive Examination- Down's Syndrome Version (CAMCOG- DS version; Ball, Holland, Hon, Huppert, Treppner, & Watson, 2006) ⁱⁱⁱ http://www.cambridge.org			Mild/Moderate	<p><u>Structure:</u> Neuropsychological component of the CAMDEX-DS and adaptation of the CAMCOG.</p> <p><u>Purpose:</u> To directly assess cognitive function for diagnosis of cognitive disorder.</p>



	<p>Dementia Questionnaire for People with Intellectual Disability (DLD; Evenhuis, Kengen, & Eurlings, 2006)^{iv} https://www.pearsonclinical.com.au/products/view/113</p>	Adult/ Older Adult	Mild/Moderate/Severe	<p><u>Structure:</u> 50-item questionnaire that covers eight subscales</p> <p><u>Purpose:</u> To assess daily living skills and identify social & cognitive declines for early detection of dementia.</p>	<p><u>Assessed by:</u> Health professional</p> <p><u>Answered by:</u> Informant</p>
	<p>Dementia Screening Questionnaire for Individuals with Intellectual Disabilities (DSQIID / NTG-DSDS; Deb, Hare, Prior, & Bhaumik, 2007)^v http://www.birmingham.ac.uk/documents/college-les/psych/ld/lddementiascreeningquestionnaire.pdf</p>	Adult/ Older Adult	Mild/Moderate/Severe	<p><u>Structure:</u> 53-item checklist of 'best' function, areas of decline, and overall observations.</p> <p>Single (DSQIID) Sequential (NTG-DSDS)</p> <p><u>Purpose:</u> Can help carers record functioning and assist health professionals to screen for dementia.</p>	<p><u>Assessed by:</u> Health professional</p> <p><u>Answered by:</u> Informant</p>

References

ⁱ Prasher, V., A. Farooq, and R. Holder, *The Adaptive Behaviour Dementia Questionnaire (ABDQ): screening questionnaire for dementia in Alzheimer's disease in adults with Down syndrome*. Research in Developmental Disabilities, 2004. 25(4): p. 385-397

ⁱⁱ Ball, S., T. Holland, F. Huppert, P. Treppner, and K. Dodd, *The Cambridge Examination for Mental Disorders of Older People with Down's Syndrome and Others with Intellectual Disabilities*. 2006, Cambridge: Cambridge University Press

ⁱⁱⁱ Ball, S.L., A.J. Holland, J. Hon, F.A. Huppert, P. Treppner, and P.C. Watson, *Personality and behaviour changes mark the early stages of Alzheimer's disease in adults with Down's syndrome: Findings from a prospective population-based study*. International Journal of Geriatric Psychiatry, 2006. 21(7): p. 661-673

^{iv} Evenhuis, H., M. Kengen, and H. Eurlings, *Dementia questionnaire for people with learning disabilities*. 2006, Harlow, Essex: Pearson (PsychCorp).

^v Deb, S., M. Hare, L. Prior, and S. Bhaumik, *Dementia screening questionnaire for individuals with intellectual disabilities*. The British Journal of Psychiatry, 2007. 190(5): p. 440-444.

