

P.2.1.76 MMSE (<23)

Studies	Design	Total N	Sens (95%CI)	Spec (95%CI)	Measure	Summary of findings (95%CI)	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Quality
PRIMARY CARE												
1 study (Carnero-Pardo 2013)	1 × prospective	360	0.99 (0.91, 1.00)	0.57 (0.51, 0.63)	LR+	2.29 (2.00, 2.62)	Serious	n/a	Not serious	Serious	-	LOW
					LR-	0.02 (0.00, 0.16)	Serious	n/a	Not serious	Not serious		MODERATE
SECONDARY CARE												
5 studies (Abdel-Aziz 2015; Callahan 2002; Flicker 1997; Kukull 1994; Nielsen 2013)	5 × prospective	1,364	0.67 (0.55, 0.77)	0.89 (0.75, 0.96)	LR+	6.79 (2.70, 15.00)	Very serious	Serious	Not serious	Not serious	-	VERY LOW
					LR-	0.38 (0.26, 0.52)	Very serious	Serious	Not serious	Serious		VERY LOW
ALL EVIDENCE POOLED												
6 studies (Abdel-Aziz 2015; Callahan 2002; Carnero-Pardo 2013; Flicker 1997; Kukull 1994; Nielsen 2013)	6 × prospective	1,724	0.75 (0.54, 0.88)	0.85 (0.69, 0.94)	LR+	5.47 (2.60, 10.80)	V. serious	Serious	Not serious	Not serious	-	VERY LOW
					LR-	0.31 (0.15, 0.51)	V. serious	Serious	Not serious	Serious		VERY LOW
Notes on risk of bias												
Kukull 1994: It is unclear whether the index test results were interpreted without knowledge of the results of the reference standard; multiple pre-specified cut offs were used to determine the optimal cut off; the index test result was known during the reference standard diagnosis.												
Flicker 1997: Due to non-pre-specification of test thresholds; large number of patients excluded from study; lack of clarity about patient groups included in the analysis and whether the reference standard results were interpreted without knowledge of the results of the index test.												
Callahan 2002: It was unclear whether a consecutive or random sample of patients was enrolled in the study; whether the index and reference tests were independent of each other and the test threshold was not pre-specified.												
Carnero-Pardo 2013: Multiple test thresholds were used												
Nielsen 2013: The study selected some participants on the basis of immigrant background and excluded non-immigrants during this time period; the people with immigrant backgrounds were significantly younger than Danish-born participants; the test threshold was not pre-specified.												
Abdel-Aziz 2015: Subgroup of 6 CIT tested patients were tested with MMSE as well; MMSE cut off was not pre-specified as chosen for comparison to 6CIT test.												