

P.2.3 AD versus FTD

P.2.3.1 99mTc-HMPAO SPECT

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
SINGLE CAMERA												
2 studies (Launes 1991; Velakoulis 1997)	2 × prospective	59	0.73 (0.42, 0.91)	0.71 (0.43, 0.89)	LR+	2.78 (1.20, 6.42)	V. serious	Not serious	Not serious	Serious	-	VERY LOW
					LR-	0.41 (0.23, 0.74)	Serious	Not serious	Not serious	Serious		LOW
MULTIPLE CAMERA												
1 study (Boutoleau-Bretonniere 2012)	Prospective	29	0.78 (0.54, 0.91)	0.73 (0.41, 0.91)	LR+	2.85 (1.05, 7.72)	V. serious	n/a	Not serious	Serious	-	VERY LOW
					LR-	0.31 (0.12, 0.78)	V. serious	n/a	Not serious	Serious		VERY LOW
ALL EVIDENCE POOLED												
3 studies (Boutoleau-Bretonniere 2012; Launes 1991; Velakoulis 1997)	3 × prospective	88	0.72 (0.56, 0.83)	0.72 (0.51, 0.86)	LR+	2.81 (1.48, 5.33)	V. serious	Not serious	Not serious	Serious	-	VERY LOW
					LR-	0.38 (0.23, 0.62)	V. serious	Not serious	Not serious	Serious		VERY LOW
Notes on risk of bias												
Launes 1991: Subgroup analysis used with >10% study population excluded.												
Velakoulis 1997: Subgroup analysis where >10% study population excluded and it was unclear whether: the index test results were interpreted without knowledge of the results of the reference standard; the index test threshold was pre-specified or the reference standard results interpreted without knowledge of the results of the index test.												
Boutoleau-Bretonniere 2012: Loss to follow up of 6/69 patients; unclear about consecutive versus random enrolment of patients; reference diagnosis made at 24 month follow up with index tests carried out at baseline and again at 24 months in some cases; subgroup analysis used with >10% study population discarded												