

P.2.9 AD versus VaD

P.2.9.1 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; McMurdo 1994)	2 × prospective	97	0.61 (0.49, 0.72)	0.85 (0.69, 0.93)	LR+	4.13 (1.85, 9.21)	Serious	Not serious	Not serious	Serious	-	LOW
					LR-	0.45 (0.31, 0.66)	Serious	Not serious	Not serious	Serious		LOW
MULTIPLE CAMERA												
1 study (Boutoleau-Bretonniere 2012)	Prospective	26	0.78 (0.54, 0.91)	0.50 (0.20, 0.80)	LR+	1.56 (0.75, 3.25)	V. serious	n/a	Not serious	Serious	-	VERY LOW
					LR-	0.44 (0.15, 1.35)	V. serious	n/a	Not serious	Serious		VERY LOW
ALL EVIDENCE POOLED												
3 studies (Boutoleau-Bretonniere 2012; Launes 1991; McMurdo 1994)	3 × prospective	123	0.64 (0.53, 0.74)	0.74 (0.45, 0.91)	LR+	2.54 (1.19, 5.41)	V. serious	Not serious	Not serious	Serious	-	VERY LOW
					LR-	0.45 (0.32, 0.64)	Serious	Not serious	Not serious	Serious		LOW
Notes on risk of bias												
Launes 1991: Subgroup analysis used with >10% study population excluded.												
McMurdo 1994: Subgroup analysis used with >10% study population discarded.												
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												