

P.2.25 FTD versus VaD

P.2.25.1 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; Talbot 1998)	2 × prospective	196	0.46 (0.36, 0.57)	0.85 (0.51, 0.97)	LR+	2.58 (0.77, 8.64)	V. serious	Serious	Not serious	Serious	-	VERY LOW
					LR-	0.72 (0.58, 0.91)	V. serious	Not serious	Not serious	Not serious		LOW
MULTIPLE CAMERA												
1 study (Boutoleau-Bretonniere 2012)	Prospective	19	0.73 (0.41, 0.91)	0.75 (0.38, 0.94)	LR+	2.91 (0.83, 10.19)	V. serious	n/a	Not serious	Serious	-	VERY LOW
					LR-	0.36 (0.13, 1.03)	V. serious	n/a	Not serious	Serious		VERY LOW
ALL EVIDENCE POOLED												
3 studies (Boutoleau-Bretonniere 2012; Launes 1991; Talbot 1998)	3 × prospective	215	0.51 (0.35, 0.67)	0.82 (0.61, 0.93)	LR+	2.23 (1.20, 4.16)	V. serious	Not serious	Not serious	Serious	-	VERY LOW
					LR-	0.70 (0.56, 0.88)	V. serious	Not serious	Not serious	Not serious		LOW
Notes on risk of bias												
Launes 1991: Subgroup analysis used with >10% study population excluded.												
Talbot 1998: Unclear if avoided inappropriate exclusions; unclear whether the reference standard results were interpreted without knowledge of the index test and whether the index test was carried out without knowledge of reference test result; no pre-specified index test threshold; subgroup analysis used with >10% study population excluded.												
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.												