

P.2.23.2 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												
3 studies (Launes 1991; Read 1995; Talbot 1998)	2 × prospective ; 1 × retrospective	501	0.51 (0.20, 0.81)	0.93 (0.90, 0.95)	LR+	6.05 (2.77, 13.22)	V. serious	Not serious	Not serious	Not serious	-	LOW
					LR-	0.63 (0.40, 1.01)	V. serious	Not serious	Not serious	Serious		VERY LOW
MULTIPLE CAMERA												
2 studies (Boutoleau-Bretonniere 2012; Rollin-Sillaire 2012)	1 × prospective ; 1 × retrospective	108	0.74 (0.53, 0.88)	0.90 (0.53, 0.99)	LR+	7.88 (1.14, 54.71)	Serious	Serious	Not serious	Serious	-	VERY LOW
					LR-	0.30 (0.15, 0.59)	Serious	Not serious	Not serious	Serious		LOW
ALL EVIDENCE POOLED												
5 studies (Boutoleau-Bretonniere 2012; Launes 1991; Read 1995; Rollin-Sillaire 2012; Talbot 1998)	3 × prospective ; 2 × retrospective	609	0.59 (0.37, 0.78)	0.91 (0.84, 0.95)	LR+	7.03 (3.36, 13.10)	V. serious	Not serious	Not serious	Not serious	-	LOW
					LR-	0.46 (0.24, 0.69)	V. serious	Serious	Not serious	Serious		VERY LOW
Notes on risk of bias												
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 as data on 'other' clinical diagnosis group is not reported. 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												