Table S5: Studies excluded post hoc based on study quality

Seven articles comprising 11 sub-studies were excluded post hoc due to poor study quality. These studies scored a high or unclear risk of bias or had high or unclear applicability concerns in more than 50% Quality Assessment of Diagnostic Accuracy Studies 2 (QUADAS-2) domains. Critical appraisal results are shown in Table S5.

Table S5: Critical appraisal results of post hoc excluded studies using the modified Quality Assessment of Diagnostic Accuracy Studies 2 (QUADAS-2) tool.
Studies were classified per regarding risk of bias or applicability concerns as 'Low', 'High', 'Unclear', 'Not applicable (N/A)'. N/A could only apply to the domains regarding Reference techniques or Perfusion modification.

Author	Participant selection	Index test	Reference intracerebral	Reference extracerebral	Perfusion modification	Flow and timing	Subject selection – Applicability	Index test – Applicability	Reference intracerebral – Applicability	Reference extracerebral – Applicability
Zarei 2019 [77]	Unclear	Unclear	N/A	N/A	High	Unclear	Low	Unclear	N/A	N/A
Smielewski 1997 [78]	Unclear	High	N/A	Low	Unclear	High	High	Low	N/A	Low
Takeda 2000 [79]	Unclear	Low	Low	N/A	Unclear	High	High	Unclear	Low	N/A
Steinbrink 2003 [80]	High	High	Low	Unclear	N/A	Unclear	Low	Low	Low	Unclear
Toronov 2001 [81]	Low	Low	Unclear	Unclear	N/A	High	Low	Low	Unclear	Unclear
Duncan 1995-1 [82]	Unclear	Low	N/A	N/A	Low	Unclear	High	Unclear	N/A	N/A
Duncan 1995-2 [82]	Unclear	Low	N/A	N/A	Low	Unclear	High	Low	N/A	N/A
Lam 1997-1 [83]	Unclear	Unclear	High	High	Low	High	High	Unclear	Low	Low
Lam 1997-2 [83]	Low	Unclear	High	High	Low	Unclear	High	Unclear	Low	Low
Lam 1997-3 [83]	Unclear	Unclear	High	High	Low	High	High	Unclear	Low	Low
Lam 1997-4 [83]	Low	Unclear	High	High	Low	Unclear	High	Unclear	Low	Low