

Online Resource 5: Quality appraisal of included primary studies

Study (year) [ref]	Study design	Selection bias	Detection bias				
		Is the study sample representative of the relevant population?	Are inclusion criteria explicit?	At study entry were participants at a similar timepoint in their disease progression?	Was follow-up long enough for important outcomes to occur?	Were outcomes assessed using objective criteria/blinding?	If sub-series comparisons are made is there sufficient information on sample distribution & prognostic factors?
Low Grade Tumour studies							
Alford et al (2016) [13]	Retrospective case series	+	+	+	+	+	NA
Dodgshun et al (2016) [14]	Retrospective case series	+	+	+	NR	+	NA
Dorward et al (2010) [15]	Retrospective case series	+	+	+	+	+	NA
Kim et al (2014) [16]	Retrospective case series	+	+	+	+	+	NA
Udaka et al (2013) [17]	Retrospective case series	+	+	+	+	+	+
Vassilyadi et al (2009) [18]	Retrospective case series	+	+	+	+	+	NA
Mixed Grade Tumour studies							
Korones et al (2001) [12]	Retrospective case series	+	+	+	NR	+/-	+

Key: +: yes; -: no; +/-: Partial; NA: Not applicable; ?: Unclear

The utility of routine surveillance screening with magnetic resonance imaging (MRI) to detect tumour recurrence in children with low grade central nervous system (CNS) tumours: a systematic review

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