

## Supplement

### Supplementary table 1

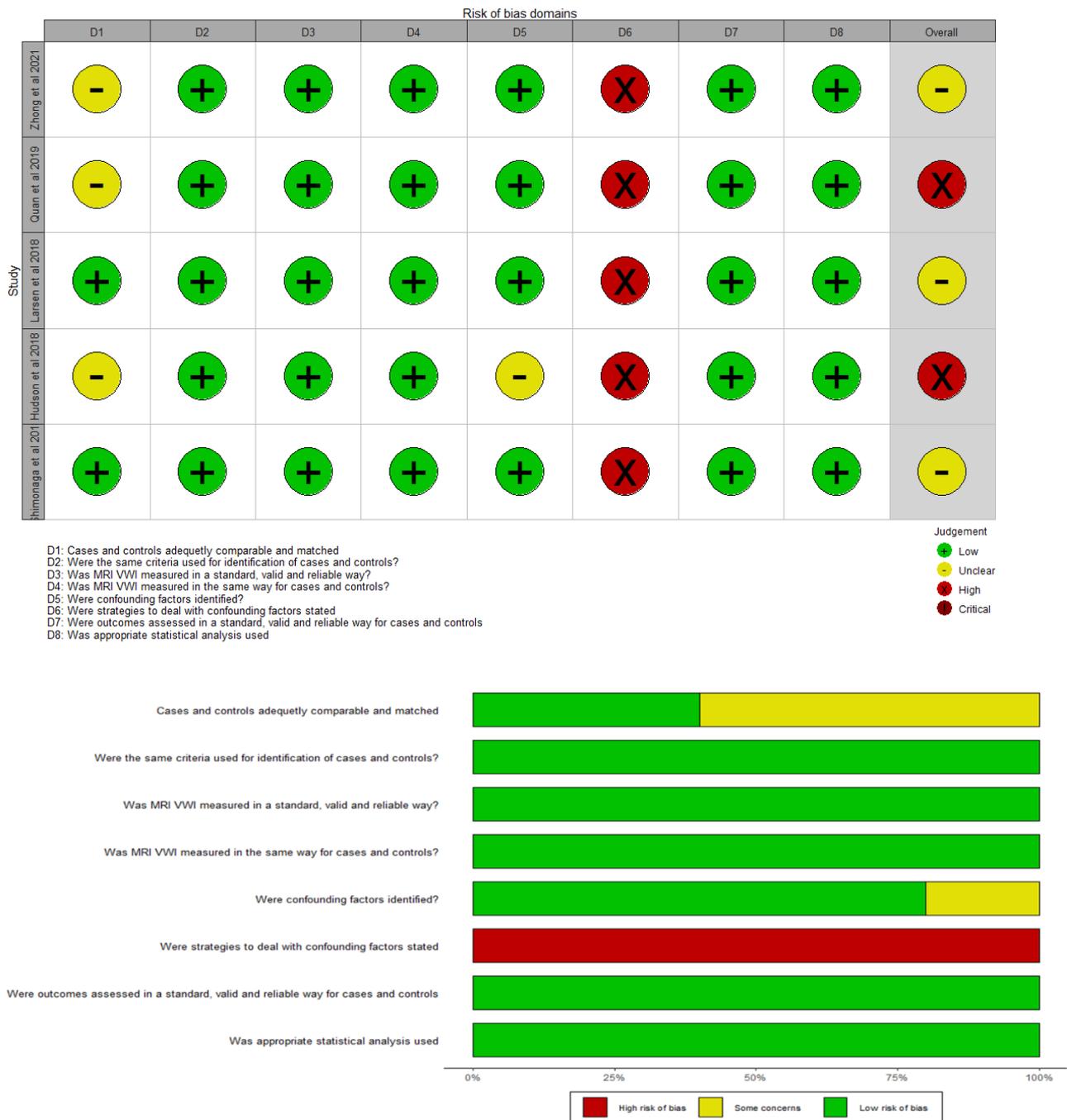
PubMed search performed in July 2021 with no date restrictions

1	MRI vessel wall imaging OR MRI VWI OR VWI
2	intracranial aneurysm or cerebral aneurysm or aneurysm
3	pathology or histopathology
4	human or homo sapiens
5	NOT (Aortic or abdominal or animal)
6	1 and 2 and 3 and 4 and 5

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## Supplemental figures

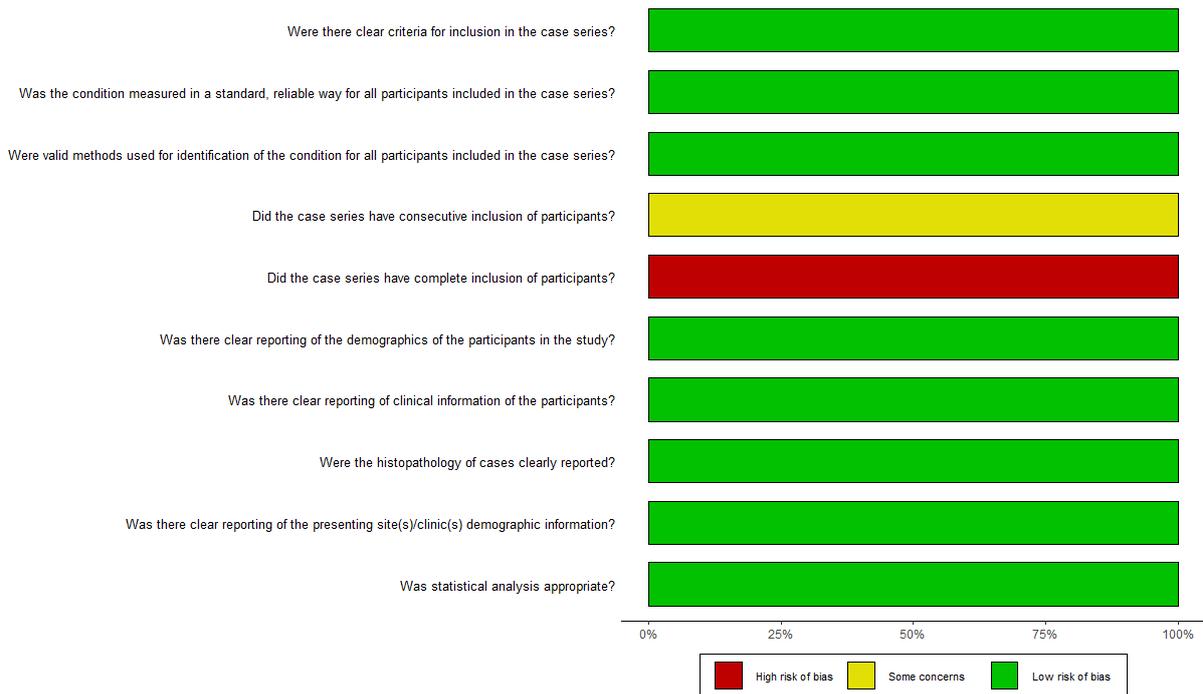


Supplemental Figure 1: Risk of bias assessments using JBI case-control checklist. The studies included are Zhong et al 2021, Quan et al 2019, Larsen et al 2018, Hudson et al 2018, Shimonaga et al 2018. The responses of yes, unclear, and no have been changed to low risk of bias, some concerns/unclear and high risk of bias respectively

		Risk of bias domains										
		D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	Overall
Study	Larsen et al 2020	+	+	+	-	X	+	+	+	+	+	-
	Matsushige et al 2019	+	+	+	-	X	+	+	+	+	+	-

- D1: Were there clear criteria for inclusion in the case series?
- D2: Was the condition measured in a standard, reliable way for all participants included in the case series?
- D3: Were valid methods used for identification of the condition for all participants included in the case series?
- D4: Did the case series have consecutive inclusion of participants?
- D5: Did the case series have complete inclusion of participants?
- D6: Was there clear reporting of the demographics of the participants in the study?
- D7: Was there clear reporting of clinical information of the participants?
- D8: Were the histopathology of cases clearly reported?
- D9: Was there clear reporting of the presenting site(s)/clinic(s) demographic information?
- D10: Was statistical analysis appropriate?

- Judgement
- Low
  - Unclear
  - High
  - Critical



Supplemental Figure 2: Risk of bias assessments using JBI case series checklist. The studies included are Larsen et al 2020, Matsushige et al 2019. The responses of yes, unclear, and no have been changed to low risk of bias, some concerns/unclear and high risk of bias respectively