

Oochit, K. K., Wong, Y. Y., Mihuna, A., Oliwa, A. and <u>Kontorinis</u>, <u>G.</u> (2022) IgG4 related sclerosing disease of the temporal bone: a systematic review. <u>Otology and Neurotology</u>, 43(8), pp. 856-863. (doi: 10.1097/MAO.000000000003614)

Supplemental material

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Deposited on 18 May 2022

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Supplement Table 1: JBI Methodological Quality Assessment: Risk of Bias for Case Reports¹

Case Reports	Reviewer (1= KO, 2=YW)	1	2	3	4	5	6	7	8	Overall status
Masterson et al.	1	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Include
	2	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	
Schiffenbauer et al.	1	Yes	Include							
	2	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	_
Moss et al.	1	Yes	Include							
	2	Yes	_							
Bittencourt et	1	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Include
al.	2	Yes	UC	Yes	Yes	Yes	Yes	N/A	Yes	_
Nishijima et al.	1	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Include
	2	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	
Wang et al.	1	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Include
	2	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	
Cain et al.	1	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Include
	2	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	
Liu et al.	1	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Include
	2	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	
Li et al.	1	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Include
	2	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	
Wick et al.	1	Yes	Include							
	2	Yes								
	1	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Include

Vuncannon et al.	2	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	
Chowsilpa et	1	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Include
al.	2	Yes	UC	Yes	Yes	Yes	Yes	N/A	Yes	
Cheng et al.	1	Yes	No	Yes	Yes	Yes	Yes	N/A	Yes	Include
	2	Yes	UC	Yes	Yes	Yes	Yes	N/A	Yes	

The JBI Risk of Bias checklist for Case Reports¹ has 8 domains listed 1-8 on the Row 1 in Table 1. Detailed description of each domains¹ is summarized below. Each of the domains are filled as either Yes, No, Unclear (UC) or Not Applicable (N/A). An arbitrary of number of more than 2 No/ Unclear domains was decided among authors to have high concerns for bias and studies with ≤2 No/Unclear was deemed appropriate among authors for inclusion in the review due to overall low risk of bias.

- 1. Were patient's demographic characteristics clearly described?
- 2. Was the patient's history clearly described and presented as a timeline?
- 3. Was the current clinical condition of the patient on presentation clearly described?
- 4. Were diagnostic tests or methods and the results clearly described?
- 5. Was the intervention(s) or treatment procedure(s) clearly described?
- 6. Was the post-intervention clinical condition clearly described?
- 7. Were adverse events (harms) or unanticipated events identified and described?
- 8. Does the case report provide takeaway lessons?

Answers: Yes, No, Unclear (UC) or Not Applicable (N/A)

Supplement Table 2: JBI Methodological Quality Assessment: Risk of Bias Tool for Case Series²

Case Series	Reviewer (1= KO, 2=YW)	1	2	3	4	5	6	7	8	9	10	Overall
	1	Yes	Yes	Yes	UC	Yes	Yes	Yes	Yes	No	N/A	Include
	2	Yes	Yes	Yes	UC	Yes	Yes	Yes	Yes	UC	N/A	
Deshpande et al.	1	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	N/A	Include
	2	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	UC	
Melenotte et al.	1	Yes	Yes	Yes	Yes	Yes	UC	Yes	Yes	Yes	N/A	Include
	2	Yes	N/A									
Marinelli et al.	1	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Include
	2	Yes	Yes	Yes	N/A	Yes	UC	Yes	Yes	Yes	Yes	

The JBI Risk of Bias checklist for Case Series² has 10 domains listed 1-10 on the Row 1 in Table 2. Detailed description of each domains² is summarized below. Each of the domains are filled as either Yes, No, Unclear (UC) or Not Applicable (N/A). An arbitrary of number of more than 2 No/ Unclear domains was decided among authors to have some concerns for bias and studies with ≤2 No/Unclear was deemed appropriate among authors for inclusion in the review due to overall low risk of bias.

- 1. Were there clear criteria for inclusion in the case series?
- 2. Was the condition measured in a standard, reliable way for all participants included in the case series?
- 3. Were valid methods used for identification of the condition for all participants included in the case series?
- 4. Did the case series have consecutive inclusion of participants?

- 5. Did the case series have complete inclusion of participants?
- 6. Was there clear reporting of the demographics of the participants in the study?
- 7. Was there clear reporting of clinical information of the participants?
- 8. Were the outcomes or follow-up results of cases clearly reported?
- 9. Was there clear reporting of the presenting site(s)/clinic(s) demographic information?
- 10. Was statistical analysis appropriate?

Answers: Yes, No, Unclear (UC) or Not Applicable (N/A)

References:

- 1. Moola S, Munn Z, Tufanaru C, Aromataris E. CHECKLIST FOR CASE REPORTS. .JBI [Internet]. 2020;Chapter 7: Systematic reviews of etiology and risk. Available from: https://synthesismanual.jbi.global
- 2. Moola S, Munn Z, Tufanaru C, Aromataris E, Sears K. Checklist for Case Series. Joanna Briggs Inst [Internet]. 2017; Chapter 7: Systematic reviews of etiology and risk. Available from: https://reviewersmanual.joannabriggs.org/