

Study name		Checklist*									Overall
		1	2	3	4	5	6	7	8	9	
1	Shaib 2022	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	unclear	7
2	Wang C.K 2022	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	7
3	Philipovskiy Alexander 2021	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	7
4	Borazanci, E 2021	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
5	Stein Matthew K 2020	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
6	S.M. Lee 2019	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
7	Tokunga R 2019	Yes	No	Yes	NO	Yes	Yes	Yes	Yes	Yes	7
8	Ang C.S.P 2018	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Unclear	7
9	Parish A.J 2018	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
10	Schweiger Thomas 2018	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	7
11	KHAN, Mailha 2018	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
12	Lee, Hyunsu 2017	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
13	Chang, P.Y 2017	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
14	Loree J.M 2017	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
15	Liu C 2017	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
16	Lee Sung Hak 2017	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
17	Zauber P 2016	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
18	Jauhri M 2016	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
19	Gonzalez, R.S 2015	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
20	Crumley, Suzanna M 2015	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
21	Stachler Matthew D 2015	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
22	Alakus Hakan 2014	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
23	Fecteau R.E 2014	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
24	Walther B.M 2014	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
25	Wiland H.O 2014	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
26	Abdul-Jalil K.L 2014	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
27	Nishikawa G 2013	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
28	Yamada M 2012	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
29	Idziaszczyk S. 2010	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
30	Lamba S 2009	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8

SUPPLEMENTARY FILE S3: The quality of the 30 included studies

* 1. Appropriate sampling frame to address target population, 2. Appropriate sampling way of study participants, 3. Adequate sample size, 4. Detail description of study participants and settings, 5. Data analysis with sufficient coverage of identified sample, 6. Use of valid methods to identify the condition, 7. Standard, reliable way of measurement of condition for all participants, 8. Availability of appropriate statistical analysis, 9. Adequate response rate and management of low response rate

Quality of included studies by JBI critical appraisal checklist for studies reporting prevalence data