

Table SI. Newcastle-Ottawa Scale evaluation criteria for cohort studies.

Evaluation criteria	First author, year (Ref.)										
	Kim <i>et al</i> , 2024 (8)	Wu <i>et al</i> , 2022 (15)	Fang <i>et al</i> , 2023 (23)	Longo <i>et al</i> , 2024 (30)	Yao <i>et al</i> , 2024 (31)	Li <i>et al</i> , 2023 (32)	Hoffmann <i>et al</i> , 2023 (33)	Xie <i>et al</i> , 2023 (35)	Peng <i>et al</i> , 2023 (36)	Gross <i>et al</i> , 2021 (39)	Daher <i>et al</i> , 2022 (40)
Item											
Representativeness of the exposed cohort	1	1	1	1	1	1	1	1	1	1	1
Selection of the non-exposed cohort	1	1	1	1	1	1	1	1	1	1	1
Ascertainment of exposure	1	1	1	1	1	1	1	1	1	1	1
Demonstration that the outcome of interest was not present at start of the study	1	1	1	1	1	1	1	1	1	1	1
Comparability of cohorts based on the design	1	2	2	2	2	2	2	2	2	2	2
Outcome											
Assessment of outcome	1	1	1	1	1	1	1	1	1	1	1
Assessment of whether follow-up was long enough for outcomes to occur	1	1	1	1	1	1	1	1	1	1	1

Adequacy of follow-up of cohorts	1	1	1	1	1	1	1	1	1	1	1
Total scoring	8	9	9	9	9	9	9	9	9	9	9

Table SII. Methodological Index for Non-Randomized Studies evaluation criteria for single-arm studies.

Evaluation criteria	First author, year (Ref.)								
	Wu <i>et al</i> , 2022 (15)	Diamond <i>et al</i> , 2022 (22)	Perez <i>et al</i> , 2021 (29)	Li <i>et al</i> , 2023 (32)	Welsh <i>et al</i> , 2020 (34)	Liu <i>et al</i> , 2022 (37)	Chen <i>et al</i> , 2022 (38)	Cai <i>et al</i> , 2023 (41)	Meng <i>et al</i> , 2022 (42)
Clearly stated aim	2	2	2	2	2	2	2	2	2
Inclusion of consecutive patients	2	2	2	2	2	2	2	2	2
Prospective collection of data	2	2	2	2	2	2	2	2	2
Endpoints appropriate to the aim of the study	2	2	2	2	2	2	2	2	2
Unbiased assessment of the study endpoint	1	1	2	1	1	1	1	1	1
Follow-up period appropriate to the aim of the study	2	2	2	1	2	2	2	2	2
Loss to follow-up of <5%	2	2	2	2	2	2	2	2	2
Prospective calculation of the study size	0	0	1	0	0	0	0	0	0
An adequate control group	*	*	*	*	*	*	*	*	*
Contemporary groups	*	*	*	*	*	*	*	*	*

Baseline equivalence of groups	*	*	*	*	*	*	*	*	*
Adequate statistical analyses	*	*	*	*	*	*	*	*	*
Total scoring	13	13	15	12	13	13	13	13	13

\*Not applicable.