Table S3. Quality evaluation outcomes.

Table S3-1. NOS quality evaluation case-control studies.

Items	**Huang 2014** [28]	**Donnarumma 2019** [13]	**Hachulla 2018** [12]	**Huang 2016** [27]	**Lian 2012** [28]	**Wang 2020** [29]
Selection						
Adequate case definition	1	1	1	1	1	1
Representativeness of the cases	1	1	1	1	1	1
Selection of controls	0	0	0	0	0	0
Definition of controls	1	1	1	1	1	1
Comparability	2	2	2	2	2	0
Exposure						
Ascertainment of exposure	1	1	1	1	1	1
Same method of ascertainment for cases and controls	1	1	1	1	1	1
Non-response rate	1	1	0	1	1	1
Total score	8	8	7	8	8	6

Table S3-2. NOS quality evaluation for case-sectional studies for cohort studies.

Items	**Zhao 2017** [14]	**Sobanski 2016** [11]	**Kuwana 1994** [26]	**Qu 2021** [10]	**Liu 2018** [30]	**Casal-Dominguez 2019** [31]
Selection						
Representativeness of the exposed cohort	1	1	1	1	1	1
Selection of the non exposed cohort	1	1	1	1	1	1
Ascertainment of exposure	1	1	1	1	1	1
Demonstration that outcome of interest was not present at start of study	1	1	1	1	1	0
Comparability	1	1	1	1	1	1
Outcome						
Ascertainment of outcome	1	1	1	1	1	1
Follow-up long enough for outcomes to occur	1	1	1	1	1	1
Adequacy of follow up of cohorts	1	1	1	1	1	1
Total score	8	8	8	8	8	7

Table S3-3. AHRQ indicators quality evaluation for case-sectional studies.

Items	Ninagawa **2019** [24]
Define the source of information (survey, record review)	Y
List inclusion and exclusion criteria for exposed and unexposed subjects (cases and controls) or refer to previous publications	Y
Indicate time period used for identifying patients	Y
Indicate whether or not subjects were consecutive if not population-based	Y
Indicate if evaluators of subjective components of study were masked to other aspects of the status of the participants	Y
Describe any assessments undertaken for quality assurance purposes (e.g. test/retest of primary outcome measurements)	U
Explain any patient exclusions from analysis	Y
Describe how confounding was assessed and/or controlled	N
If applicable, explain how missing data were handled in the analysis	N
Summarize patient response rates and completeness of data collection	N
Clarify what follow-up, if any, was expected and the percentage of patients for which incomplete data or follow-up was obtained	N
Total score(Y=1, N/U=0)	6