

Table S1 Quality assessment of cohort studies according to Newcastle-Ottawa scale

First author, year	Study type	Selection				Comparability	Outcome			Total quality score
		Representativeness of the exposed cohort	Selection of the non-exposed cohort	Ascertainment of exposure to implants	Demonstration that outcome of interest was not present at start of study	Comparability of Cohorts on the basis of the design or analysis	Assessment of outcome	Was follow-up long enough for outcomes to occur	Adequacy of follow-up of cohorts	
Guo <i>et al.</i> 2016	Cohort	*	*	*	*	*	*	–	*	7
Abbosh <i>et al.</i> 2017	Cohort	*	*	*	*	**	*	*	*	9
Chen <i>et al.</i> 2019	Cohort	*	*	*	*	*	*	*	*	8
Peng <i>et al.</i> 2020	Cohort	*	*	*	*	*	*	*	*	8
Ohara <i>et al.</i> 2020	Cohort	*	*	*	*	*	*	–	*	7
Kuang <i>et al.</i> 2021	Cohort	*	*	*	*	**	*	*	*	9
Zhao <i>et al.</i> 2021	Cohort	*	*	*	*	*	*	–	*	7
Li <i>et al.</i> 2022	Cohort	*	*	*	*	*	*	*	*	8
Xia <i>et al.</i> 2021	Cohort	*	*	*	*	**	*	*	*	9
Qiu <i>et al.</i> 2021	Cohort	*	*	*	*	**	*	*	*	9
Tan <i>et al.</i> 2021	Cohort	*	*	*	*	*	*	–	–	6

Table S2 Quality assessment of case-controls studies according to Newcastle-Ottawa scale

First author, year	Study type	Selection				Comparability	Outcome			Total quality score
		Is the case definition adequate?	Representativeness of the cases	Selection of controls	Definition of controls	Comparability of cases and controls on the basis of the design or analysis	Ascertainment of exposure	Same method of ascertainment for cases and controls	Non response rate	
Chaudhuri <i>et al.</i> 2017	Case-control	*	*	*	*	*	*	*	–	7
Waldeck <i>et al.</i> 2022	Case-control	*	*	*	*	*	*	*	–	7