

APPENDIX

Supplementary Table 1 - Methodological quality of the included non-randomized studies using Newcastle-Ottawa Quality Assessment Scale.

Case-Control Studies	Selection		Selection of Controls	Definition of Controls	Comparability	Expouse			Total Score
	Is the case definition adequate?	Representativeness of the cases			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	
Trinchieri A, et al. 2017 [19]	★	★	/	★	★	★	★	/	7
Lee SC, et al. 2008 [20]	★	★	/	★	★	★	★	/	7
Ekeruo WO, et al. 2004 [21]	★	★	/	★	★	★	★	/	7
I Daudon M, et al. 2006(1) [22]	★	★	/	★	★	★	★	/	7
Daudon M, et al. 2006(2) [23]	★	★	/	★	★	★	★	/	7
Chou YH, et al. 2010 [24]	★	★	/	★	★	★	★	/	7
del Valle EE, et al. 2010 [25]	★	★	/	★	★	★	★	/	7
Al-Hayek, S, et al. 2013 [27]	★	★	/	★	★	★	★	/	7
Najeeb Q, et al. 2013 [28]	★	★	/	★	★	★	★	/	7
Fram EB, et al. 2015 [30]	★	★	/	★	★	★	★	/	7
Shavit L, et al. 2014 [31]	★	/	/	★	★	★	★	/	6
Almannie RM, et al. 2019 [32]	★	★	/	★	★	★	★	/	7

Cohort Studies	Selection			Demonstration that outcome of interest was not present at start of study	Comparability	Outcome			Total Score
	Representativeness of the exposed cohort	Selection of the non-exposed cohort	Ascertainment of exposure to implants		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	
Takeuchi H, et al. 2019 [14]	★	/	★	★	★	★	★	★	7
Mosli, HA, et al. 2012 [26]	★	/	★	★	★	★	★	★	7
Caltık Yılmaz, A, et al. 2015 [29]	★	/	★	★	★	★	★	/	6