

Supplementary Data 3
Newcastle-Ottawa quality assessment scale case-control and cohort studies

Case-control studies (n=3)	Selection				Comparability	Exposure			Total (0-9)
	Adequate definition of cases	Representativeness of cases	Selection of Controls	Definition of controls	Comparability of cases and controls on the basis of the design or analysis	Ascertainment of exposure (blinding)	Same method os ascertainment for cases and controls	Non-response rate	
Heidenreich, 2015	★	★	★	★	★	★	★	★	8
Simforoosh, 2019	★	★	★	★	★	★	★	★	8
Lumen, 2021	★	★	★	★	★★	★	★	★	9
Cohort studies (n=8)	Selection				Comparability	Outcome			Total (0-9)
	Representativeness of the exposed cohort	Selection of the non exposed cohort	Ascertainment of exposure	Outcome of interest not present at star of study	Comparability of cohorts on the basis of the design or analysis	Assessment of outcome	Follow-up long enough form outcomes to occur	Adequacy of follow-up of cohorts	
Culp, 2014	★	★	★	★	★★	★	★	★	9
Antwi, 2014	★	★	★	★	★	★	★	★	8
Satkunasivam, 2015	★	★	★	★	★	★	★	★	8
Rusthoven, 2016	★	★	★	★	★	★	★	★	8
Cho, 2016	★	★	★	★	★	★	★	★	8
Löppenberg, 2016	★	★	★	★	★	★	★	★	8
Yano, 2017	★	★	★	★	★	-	★	★	7
Lan, 2018	★	★	★	★	★★	★	★	★	9

	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Boeve 2018							
Parker 2018							