



**University of Dundee**

## **Influence of periodontal disease on risk of dementia**

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**Table 1: Evaluation of the study quality using Newcastle-Ottawa Scales (NOS)**

Cohort studies								
Selection of cohort		Chen <i>et al</i> [8]	Lee YL <i>et al</i> [7]	Lee YT <i>et al</i> [6]	Tzeng <i>et al</i> [9]	Arrive <i>et al</i> [10]		
1	Representativeness of the exposed cohort	★	★	★	★	★		
2	Selection of the non-exposed cohort	★	★	★	★	★		
3	Ascertainment of exposure	★	★	★	★	★		
4	Demonstration that outcome of interest was not present at start of study	★	★	★	★			
Comparability of cohorts								
1	Comparability of cohorts on the basis of the design or analysis	★ ★	★ ★	★ ★	★ ★	★ ★		
Outcome								
1	Assessment of outcome	★	★	★	★	★		
2	Was follow-up long enough for outcomes to occur	★	★	★	★	★		
3	Complete follow up- all subjects accounted for	★	★	★	★	★		
<b>Total score:</b>		9/9	9/9	9/9	9/9	8/9		
Case –control studies								
Selection of case-control		Holmer <i>et al</i> [20]	Jureti <i>et al</i> [19]	Brammati <i>et al</i> [18]	Gil Montoya <i>et al</i> [21]	Chu <i>et al</i> [24]	De Souza <i>et al</i> [23]	Stein <i>et al</i> [22]
1	Is the case definition adequate?	★	★	★	★		★	
2	Representativeness of the cases	★	★	★	★	★	★	★
3	Selection of Controls	★	★				★	★

4	Definition of Controls	★	★	★	★	★	★	
<b>Comparability</b>								
1	Comparability of cases and controls on the basis of the design or analysis	★ ★	★	★ ★	★ ★	★ ★	★	★
<b>Exposure</b>								
1	Ascertainment of exposure		★	★	★	★	★	★
2	Same method of ascertainment for cases and controls	★	★	★	★		★	★
3	Non-Response rate		★		★		★	★
<b>Total score:</b>		7/9	8/9	7/9	8/9	5/9	8/9	6/9