

## SUPPLEMENTARY MATERIAL 2

### NOS quality rating of included studies

#### NOS quality assessment of four cohort studies included in the meta-analysis

Study name	Selection			Comparability		Outcome			Total
	Representativeness of the exposed cohort	Selection of the non exposed cohort	Ascertainment of exposure	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 F/u long enough for outcomes to occur	Adequacy of F/u of cohorts	
Shash et al. 2016 <sup>9</sup>	*	-	*	*	*	*	*	*	7
Gray et al. 2016 <sup>8</sup>	*	*	*	*	*	*	*	*	8
Gallacher et al. 2012 <sup>2</sup>	-	*	-	*	*	*	*	*	6
Billioti de Gage et al. 2012 <sup>6</sup>	*	*	-	*	*	*	*	*	7

\*Indicates one point, †Indicates no points.

F/u: follow-up, NOS: New Castle Ottawa Scale.

## NOS quality rating of included studies

### NOS quality assessment of six case control studies included in the meta-analysis

Study name	Selection			Comparability		Exposure		Total	
	Is the case definition adequate?	Representativeness of the cases	Selection of Controls	Definition of Controls	controls on the basis of the design or analysis	Assessment of exposure	Same method of ascertainment for cases and controls		Non-response rate
Chan et al. 2017 <sup>11</sup>	*	-	-	*	**	*	*	*	7
Gomm et al. 2016 <sup>7</sup>	*	*	-	*	*	*	*	*	7
Imfeld et al. 2015 <sup>10</sup>	*	-	-	*	**	*	*	*	7
Wu et al. 2011 <sup>3</sup>	*	-	-	*	**	*	*	*	7
Wu et al. 2009 <sup>4</sup>	*	*	-	*	*	*	*	*	7
Lagnaoui et al. 2002 <sup>5</sup>	*	-	-	*	*	*	*	*	6

\*Indicates one point, \*\*Indicates two points, †Indicates no points.  
F/u: follow-up, NOS: New Castle Ottawa Scale.