

Supplement Table 2. Newcastle-Ottawa quality assessments scale

Domain	Item	Larios etal., 2011[1]	Wouters etal.,2019 [2]	Abu-Diab, etal.,2008[ 3]	Frazee etal.,201 7[4]	Ngaosu wankul etal.,201 0[5]	Irving etal.,2012[ 6]	Jin etal., 2014[7]	Ali etal., 2015[8]	Bell etal., 2014[9]	Faden etal.,20 10[10]	Tabla etal., 2010[11]	Lambert etal.,201 4[12]	Holter etal.,20 15[13]	Lieberma n etal.,200 9[14]	Hernes etal.,2011[1 5]
Selection (maximum of 4 stars)	Representativeness of the exposed cohort	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Selection of the non-exposed cohort	*	*	*	*	Nil	*	*	Nil	Nil	Nil	*	Nil	*	*	*
	Ascertainment of exposure	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Demonstration that outcome of interest was not present at start of study	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Comparability (maximum of 2 stars)	Comparability of cohorts on the basis of the design or analysis	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Outcomes (maximum of 3 stars)	Assessment of outcome	*	*	*	*	*	*	Nil	*	Nil	*	*	*	*	*	*
	Was follow-up long enough for outcomes to occur	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Adequacy of follow-up of cohorts	*	*	*	*	Nil	*	*	*	*	*	*	*	*	*	*

Domain	Item	Hammitt et al., 2011[16]	Goyal et al., 2017[17]	Kim et al., 2011[18]	Covalciu c et al., 1999[19]	Spyrida ki et al., 2009[20]	TUNSIØ et al.,2015[21]	Sung et al.,2008[22]	Mitamu ra et al., 2013[23]	Campbell et al., 2013[24]	Masters et al.,2015[25]	Jeremiah et al., 2014[26]	Agorit sas et al., 2006[27]	Steven et al., 1989[28]	Yoon et al.,2017[29]	Robinson et al.,2013[30]
Selection (maximum of 4 stars)	Representativeness of the exposed cohort	*	*	*	*	*	*	Nil	*	*	Nil	*	*	*	*	*
	Selection of the non-exposed cohort	Nil	Nil	*	*	*	Nil	*	*	Nil	Nil	*	*	*	*	Nil
	Ascertainment of exposure	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Demonstration that outcome of interest was not present at start of study	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Comparability (maximum of 2 stars)	Comparability of cohorts on the basis of the design or analysis	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Outcomes (maximum of 3 stars)	Assessment of outcome	*	Nil	**	*	**	*	*	Nil	*	*	Nil	**	*	*	*
	Was follow-up long enough for outcomes to occur	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	*
	Adequacy of follow-up of cohorts	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Domain	Item	Bilder etal., 2011[31]	Yoshii etal., 2017[32]	Thea etal., 2017[33]	S ´ ilvia etal., 2016[34]	Azade h etal.,20 15[35]	Hassan etal.,201 8[36]	Heikki nen etal.,2 001[3 7]	Walsh etal.,2 008[3 8]	Heikki nen etal.,2 002[3 9]	Kim etal.,2 016[4 0]	Jeong etal.,20 14[41]	Ahlu walia etal., 1987[ 42]	Spenc er etal., 2013[ 43]	Chan etal., 2008[44]	Frayha etal., 1989[45]
Selection (maximum of 4 stars)	Representativeness of the exposed cohort	*	*	*	*	*	*	*	Nil	Nil	*	*	*	*	*	*
	Selection of the non-exposed cohort	*	Nil	*	Nil	Nil	*	Nil	Nil	*	Nil	*	Nil	*	*	Nil
	Ascertainment of exposure	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Demonstration that outcome of interest was not present at start of study	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Comparability (maximum of 2 stars)	Comparability of cohorts on the basis of the design or analysis	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Outcomes (maximum of 3 stars)	Assessment of outcome	*	*	Nil	Nil	*	*	*	*	*	*	*	*	**	*	*
	Was follow-up long enough for outcomes to occur	Nil	Nil	Nil	Nil	*	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Adequacy of follow-up of cohorts	Nil	Nil	*	*	*	*	*	*	*	*	*	*	*	*	*

Domain	Item	DeByle etal.,201 2[46]	Yoshii etal.,201 6[47]	Li etal.,201 3[54]	Stensba lle etal.,20 02[65]	Doorn etal., 2012[6 6]	Ye etal.,201 8[67]	Macfa rlane etal., 2005[6 8]	Waris etal., 2007[6 9]	Sung,e tal.,20 09[70]	Meerh off etal., 2010[7 1]	Pongth anapisit h etal.,20 12[72]	Öhrm alm2 0 etal., 2010[ 73]
Selection (maximum of 4 stars)	Representativeness of the exposed cohort	Nil	*	*	*	*	*	*	*	*	*	*	*
	Selection of the non-exposed cohort	*	Nil	*	Nil	*	Nil	*	Nil	*	*	Nil	Nil
	Ascertainment of exposure	*	*	*	*	*	*	*	*	*	*	*	*
	Demonstration that outcome of interest was not present at start of study	*	*	*	*	*	*	*	*	*	*	*	*
Comparability (maximum of 2 stars)	Comparability of cohorts on the basis of the design or analysis	*	*	*	*	*	*	*	*	*	*	*	*
Outcomes (maximum of 3 stars)	Assessment of outcome	*	*	*	*	*	*	*	*	*	*	*	*
	Was follow-up long enough for outcomes to occur	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Adequacy of follow-up of cohorts	*	*	*	*	*	*	*	*	*	*	*	*

