

Methodological quality assessment of the selected studies according to Newcastle-Ottawa Scale.

A. Cohort studies (n=58)

Study	Year	<u>Selection</u>				<u>Comparability</u>		<u>Outcome</u>			Total score
		Representativeness of exposed cohort	Representativeness of unexposed cohort	Ascertainment of exposure ¹	Outcome was not present at start	Important Factor ²	Additional factor ³	Assessment	Exposure follow-up long enough for outcomes to occur	Adequacy of follow-up ⁴	
Bluethmann	2020	0	1	0	1	1	1	1	1	0	6
Crump	2020	1	1	1	1	1	1	1	1	1	9
Jackson	2020	0	1	0	1	1	1	1	1	0	6
Jochems	2020	1	1	1	1	1	1	1	1	0	8
Vidal	2020	0	1	1	1	1	1	1	1	0	7
Troeschel	2020	0	1	0	1	1	1	1	1	0	6
Dickerman	2019	1	1	1	1	1	1	1	1	0	8
Langlais	2019	0	1	0	1	1	1	1	1	0	7
Darcey	2019	1	1	0	1	1	1	1	1	0	7
Wade	2019	1	1	1	1	1	1	1	1	0	8
Farris	2018	1	1	1	1	1	1	1	0	0	7
Hu	2018	0	1	1	1	1	1	1	0	0	6

Pérez-Cornago	2017	1	1	1	1	1	1	1	1	1	9
Study	Year	<u>Selection</u>				<u>Comparability</u>		<u>Outcome</u>			Total score
		Representativeness of exposed cohort	Representativeness of unexposed cohort	Ascertainment of exposure ¹	Outcome was not present at start	Important Factor ²	Additional factor ³	Assessment	Exposure follow-up long enough for outcomes to occur	Adequacy of follow-up ⁴	
Dickerman	2017	0	1	0	1	1	1	1	1	1	7
Kelly	2017	1	1	0	1	1	1	1	1	1	8
Polesel	2016	1	1	0	1	1	1	1	1	0	7
Cushen	2016	0	1	0	1	1	1	1	0	0	5
Fowke	2015	1	1	0	1	1	1	1	1	0	7
Wang	2015	0	1	1	1	1	1	1	1	1	8
Cantarutti	2015	1	1	0	1	1	1	1	1	0	7
Taghizadeh	2015	1	1	0	1	1	1	0	1	1	7
Mohammed	2015	0	1	1	1	1	1	1	0	1	7
Moller	2015	1	1	1	1	0	1	1	1	0	7
Bonn	2014	0	1	0	1	1	1	1	1	0	6
Chalfin	2014	0	1	0	1	1	1	1	1	0	6
Froehner	2014	0	1	1	1	1	1	1	1	1	8
Gravis	2014	0	1	1	1	0	0	0	1	0	4
Tendulkar	2013	0	1	0	1	0	0	0	1	0	3

Bassett	2012	1	1	1	1	0	1	1	1	1	8
Study	Year	<u>Selection</u>				<u>Comparability</u>		<u>Outcome</u>			Total score
		Representativeness of exposed cohort	Representativeness of unexposed cohort	Ascertainment of exposure ¹	Outcome was not present at start	Important Factor ²	Additional factor ³	Assessment	Exposure follow-up long enough for outcomes to occur	Adequacy of follow-up ⁴	
Schwartz	2012	1	1	1	1	1	1	1	1	0	8
Park	2012	0	1	1	1	1	1	0	1	1	7
Haggstrom	2012	1	1	1	1	1	1	1	1	0	8
Disciaciatti	2011	1	1	0	1	1	1	1	1	0	7
Dehal	2011	1	1	1	1	1	1	1	1	1	9
Geinitz	2011	0	1	1	1	1	1	1	1	0	7
Van Roermund	2010	0	1	1	1	1	1	1	0	1	7
Han	2010	0	1	1	1	1	1	1	1	0	7
Burton	2010	1	1	1	1	0	1	1	1	0	7
Martin	2009	1	1	1	1	1	1	1	1	0	8
Pfitzenmaier	2009	0	1	0	1	0	1	0	1	0	4
Davies	2009	0	1	1	1	1	1	1	0	0	6
Armstrong	2009	0	1	1	1	0	1	1	0	0	5
Ma	2008	1	1	0	1	0	1	1	1	1	7
Merrick	2007	0	1	1	1	0	0	1	1	0	5

Efstathiou	2007	0	1	1	1	1	1	0	1	0	6
		<u>Selection</u>				<u>Comparability</u>		<u>Outcome</u>			Total score
		Representativeness of exposed cohort	Representativeness of unexposed cohort	Ascertainment of exposure ¹	Outcome was not present at start	Important Factor ²	Additional factor ³	Assessment	Exposure follow-up long enough for outcomes to occur	Adequacy of follow-up ⁴	
Gong	2007	1	1	0	1	1	1	1	1	1	8
Montgomery (8894)	2007	0	1	1	1	0	1	0	0	1	5
Montgomery (9916)	2007	0	1	1	1	0	1	0	0	1	5
Wright	2007	1	1	0	1	1	1	1	0	0	6
Huxley	2007	1	1	1	1	0	1	0	1	0	6
Halabi	2007	0	1	0	1	1	1	0	1	1	6
Siddiqui	2006	0	1	1	1	0	1	0	1	1	6
Park	2006	1	1	1	1	1	1	1	0	0	7
Eichholzer	2005	0	1	1	1	1	1	0	1	0	6
Rodriguez (CPS-I)	2001	1	1	0	1	1	1	0	1	1	6
Rodriguez (CPS-II)	2001	1	1	0	1	1	1	0	1	1	6
Gapstur	2001	0	1	1	1	1	1	1	1	0	7
Andersson	1997	0	1	1	1	1	0	1	1	1	7

¹ The point was assigned for objectively measured body mass index.

² If adjusted for age, the point was assigned.

³ If adjusted for any other additional factor, the point was assigned.

⁴ If the completeness of follow-up was 90% or more, or characteristics of lost cohort were similar to the rest of the cohort, the point was assigned.

B. Case-control studies (n = 1)

Study	Year	<u>Selection</u>				<u>Comparability</u>		<u>Exposure</u>			Total score
		Definition of cases	Representativeness of cases	Selection of controls	Definition of controls	Important Factor ¹	Additional factor ²	Ascertainment ³	Same method for subjects	Non-response rate	
Haque	2014	1	1	1	1	1	1	0	1	1	8

¹ If adjusted for age, the point was assigned.

² If adjusted for any other additional factor, the point was assigned.

³ The point was assigned for objectively measured body mass index.