

Determinants of asthma inhaler use in adults: systematic review of observational studies

Supplementary material 4: Methods quality scores for the studies included.

<i>Reference</i>	Participant s selection	Definition of variables	Measurem ent of variables	Addressin g sources of bias	Study size	Data analysis
Tetersell (1993)	1	0	1	1	0	1
Bosley et al. (1995)	2	2	1	3	0	2
Apter et al. (1998)	2	2	3	2	0	2
Bennett et al. (1998)	1	2	2	0	0	1
Chambers et al., (1999)	3	2	1	0	0	1
Schmaling et al. (2000)	1	2	2	0	0	2
Horne & Weinman (2002)	3	2	3	0	0	2
van Schayck et al. (2002)	1	1	1	0	2	1
J Apter et al. (2003)	2	2	3	2	0	2
Jessop & Rutter (2003)	2	2	3	0	1	2
Labrecque et al. (2003)	3	2	3	0	1	1
Nishiyama & Chrystyn (2003)	1	1	1	0	0	1
Balkrishnan et al. (2005)	3	2	2	3	0	2
Lacasse et al. (2005)	2	2	1	2	2	1
Stempel et al. (2005)	3	2	2	0	1	2
Bender et al. (2006)	3	2	3	0	1	2
Chatkin et al. (2006)	2	1	2	0	1	1
Hasegawa et al. (2006)	1	1	1	0	0	1
Marceau et al. (2006)	3	2	3	0	1	3
Ohm & Aaronson (2006)	3	2	3	1	2	2
Tavasoli et al. (2006)	1	1	1	0	0	1

Ulrik et al. (2006)	2	0	1	0	0	1
Williams, Joseph, Peterson, Moon, et al. (2007)	3	2	3	1	1	3
Williams, Joseph, Peterson, Wells, et al. (2007)	3	2	3	1	1	3
Breekveldt-Postma et al. (2008)	3	2	3	0	1	3
Janson et al. (2008)	2	2	1	0	0	1
Martínez-Moragón et al. (2008)	2	2	2	0	0	1
McGann et al. (2008)	2	3	3	0	2	1
Menckeberg et al. (2008)	2	2	3	0	0	2
Wells et al. (2008)	3	2	2	1	1	3
Axelsson et al. (2009)	2	2	2	0	0	2
Bae et al. (2009)	2	1	1	0	0	1
Laforest et al. (2009)	2	2	1	0	0	1
Ponieman et al. (2009)	2	2	2	0	1	1
Friedman et al. (2010)	3	2	2	1	1	2
Takemura et al. (2010)	3	1	1	1	0	1
Bolman et al. (2011)	2	2	3	1	0	2
Emilsson et al. (2011)	1	2	2	0	0	1
Small et al. (2011)	2	1	2	2	0	2
Suzuki et al. (2011)	2	1	1	0	2	1
Foster et al. (2012)	1	1	1	1	0	1
Ahmedani et al. (2013)	2	2	2	2	0	2
Axelsson et al. (2013)	2	2	2	1	0	1
Price, Lee et al. (2013)	2	2	2	1	1	2
Price, Thomas et al. (2013)	3	2	2	2	1	3
Schatz et al. (2013)	2	1	2	1	0	2
Wells et al. (2013)	3	2	2	2	1	3
Baddar et al. (2014)	1	2	1	0	0	1

Federman et al. (2014)	3	3	2	1	0	2
Taylor et al. (2014)	3	2	2	2	1	3
Van Steenis et al. (2014)	3	3	2	1	1	1

Note: Quality scores: 0- Unknown; 1- Low; 2- Medium; 3- High