

Summary of publications considered in the literature review.

AUTHOR	YEAR	BETA-BLOCKER	Number of people with asthma included	POPULATION
<i>Meta-analysis or systematic review</i>				
SALPETER	2002	Beta-blockers (cardio-selective)		Reactive airway disease
MORALES	2016	Beta-blockers (unspecified)		Asthma
MORALES	2014	Beta-blockers (unspecified)		Asthma
SALPETER	2002	Beta-blockers (cardio-selective)		Reversible airways disease
<i>Randomised control trial</i>				
DOROW	1986	Celiprolol	66	Reversible airways disease
DUNN	1986	Timolol, betaxolol	24	Asthma
FORMGREN	1976	Metoprolol, practolol	17	Asthma
LAMMERS	1986	Bisoprolol, Metoprolol	8	Asthma
SCHINDL	1986	Celiprolol, Atenolol, Metoprolol	18	Asthma
WILCOCKS	1986	Metoprolol, bevantolol	16	Asthma
CLAGUE	1984	Propranolol, metoprolol	8	Reversible airways disease
DECALMER	1978	Atenolol, metoprolol, acebutolol, propranolol, oxprenolol, pindolol, timolol	10	Asthma
ASTROM	1975	Atenolol, propranolol	5	Asthma
BENSON	1978	Propranolol, pindolol, acebutolol, atenolol	12	Asthma
BEUMER	1975	Bunitrolol, practolol	40	Asthma
BOYE	1977	Atenolol	10	Asthma
CLAUZEL	1988	Celiprolol	13	Asthma
GROTH	1986	ICI 141,292, atenolol	12	Asthma
JOHANSSON	1975	Metoprolol, propranolol	7	Asthma
MUE	1979	Metoprolol	24	Asthma
RUFFIN	1979	Propranolol, timolol, metoprolol	12	Asthma

VAN DEN BERG	1981	Metoprolol	8	Asthma
VILSVIK	1976	Atenolol, practolol	12	Asthma
YAMAKAGE	2009	Landiolol, esmolol	60	Asthma
BAUER	1992	Timolol, butylamino-phenoxy-propanol-acetate	12	Asthma
BAUER	1994	Metoprolol	18	Asthma
CHATTERJEE	1986	Bisoprolol, Atenolol	12	Asthma
CHODOSH	1988	Dilevalol, metoprolol	16	Asthma
DOSHAN	1986	Celiprolol, propranolol, atenolol	34	Asthma
ELLIS	1981	Atenolol, propranolol	10	Asthma
FALLIERS	1986	Labetalol, metoprolol	18	Asthma
GREEFHORST	1981	Atenolol, metoprolol, acebutolol	8	Asthma
GREEFHORST	1982	Metoprolol, acebutolol	8	Asthma
HEDNER	1989	Atenolol, dilevalol	8	Asthma
JACKSON	1983	Atenolol, labetalol	11	Asthma
LAMMERS	1984	Bisoprolol, Metoprolol	8	Asthma
LAMMERS	1985	Atenolol, bevantolol	8	Asthma
LAMMERS	1986	Xamoterol, Atenolol	11	Asthma
LOFDAHL	1983	Pafenolol, metoprolol	7	Asthma
LOFDAHL	1984	Bevantolol, propranolol	8	Asthma
LOFDAHL	1988	Metoprolol, atenolol	8	Asthma
MATTHYS	1985	Celiprolol, propranolol	12	Asthma
PHILIP-JOET	1986	Metoprolol, Bevantolol	7	Asthma
PUJET	1992	Celiprolol, propranolol, bisoprolol	10	Asthma
RUFFIN	1982	Propranolol, pindolol, atenolol	12	Asthma
SCHOENE	1984	Betaxolol, timolol	9	Reactive airways disease
SHAPPARD	1986	Esmolol	10	Asthma
VAN ZYL	1989	Celiprolol, atenolol	10	Asthma
SHORT	2014	Propranolol, esmolol	12	Asthma
CARLSON	1978	Metoprolol, atenolol	20	Asthma
DOROW	1982	Propranolol, pindolol, metoprolol	10	Asthma
ELLIS	1984	Atenolol, metoprolol	8	Asthma

LARSSON	1982	Labetalol, propranol, practolol	14	Asthma
LAWRENCE	1982	Atenolol, metoprolol	14	Asthma
LOFDAHL	1981	Atenolol, metoprolol	8	Asthma
SKINNER	1975	Propranolol, acebutolol	10	Asthma
CAZZOLA	2000	Nebivolol, celiprolol	12	Asthma
<i>Non-randomised trial</i>				
HANANIA	2008	Nadolol	10	Asthma
JONES	1972	Propranolol	6	Asthma
KOTLYAR	2002	Carvedilol	12	Asthma
KRAUSS	1984	Atenolol	14	Asthma
LAMMERS	1988	Atenolol	11	Asthma
LATIMER	1990	Propranolol	31	Asthma
MATTSON	1978	Pindolol	8	Asthma
RYO	1976	Propranolol, practolol, isoproterenol	15	Asthma
SINGH	1976	Metoprolol, tolamolol, propranolol, practolol	12	Asthma
HANANIA	2010	Nadolol	10	Asthma
BRAAT	1991	Metoprolol	7	Asthma
BUSKIRK	1986	Ocular betaxolol	11	Asthma
FORMGREN	1975	Practolol	29	Asthma
BARNETT	2005	Beta-blockers (unspecified)	8,390	Asthma, COPD
BROOKS	2007	Beta-blockers (unspecified)	11,592	Asthma, COPD
CHEN	2001	Beta-blockers (unspecified)	9510	Asthma, COPD
EVANS	1996	Beta-blockers (unspecified)	274	Asthma
GRAFT	1992	Beta-blockers (unspecified)	3,170	Asthma
JONES	1999	Beta-blockers (unspecified)	1	Asthma
KAISERMAN	2009	Timolol, betaxolol	693	Obstructive lung disease
MOOSS	1994	Esmolol	31	Asthma, COPD
MORALES	2011	Beta-blockers (unspecified)	1,527	Asthma
MORALES	2017	Beta-blockers (unspecified)	35,502	Asthma
OLENCHOCK	2009	Beta-blockers (unspecified)	12,967	Reactive airways disease
PATERSON	1987	Beta-blockers (unspecified)	12	Asthma

PINTO	2018	Beta-blockers (unspecified)	8922	Asthma
SINHA	2006	Beta-blockers (unspecified)	5	Asthma
SULTANA	2019	Atenolol, bisoprolol, metoprolol	53	Thunderstorm asthma
VERHAMME	2016	Beta-blockers (unspecified)	10,934	Asthma
LOOP	2019	Beta-blockers (unspecified)	2341	Asthma
SCHMID	2015	Beta-blockers (unspecified)	815	Asthma
CRITCHLEY	2013	Nebivolol	13	Asthma
<i>Literature review</i>				
DOROW	1988	Celiprolol		Reversible airways disease
ARBOE	2013	Beta-blockers (unspecified)		Asthma
BOND	2007	Beta-blockers (unspecified)		Asthma
CHAFIN	1999	Beta-blockers (unspecified)		Asthma
COVAR	2005	Beta-blockers (unspecified)		Asthma
HANANIA	2010	Beta-blockers (unspecified)		Asthma
ORMISTON	2003	Beta-blockers (unspecified)		Obstructive airway disease
SELF	2011	Carvedilol		Asthma
SELF	2012	Beta-blockers (cardio-selective)		Asthma
TATTERSFIELD	1991	Beta-blockers (unspecified)		Asthma
TIOTIU	2019	Beta-blockers (unspecified)		Asthma
LEWIS	1993	Beta-blockers (unspecified)		
<i>Other</i>				
ANDERSON	1979	Metoprolol, Oxprenolol	2	Asthma
BEVAN	1992	Metoprolol	1	Asthma
DIAL	1982	Metoprolol	2	Asthma
DUGGAL	2006	Esmolol	1	Asthma
MIKI	2003	Betaxolol	1	Asthma
NAGAOKA	2014	Landiolol	1	Asthma
WEINREB	1988	Betaxolol	1	Asthma
WEINSTEIN	1985	Atenolol	1	Asthma
ASHRAFIAN	2005	Beta-blockers (unspecified)		Asthma, COPD
LIPWORTH	2009	Beta-blockers (unspecified)		Asthma

KUIPERS	2018	Beta-blockers (non-selective)	Asthma, COPD
BOSKABADY	2004	Propranolol	Asthma
KAMEDA	1986	Labetalol	Asthma
NAKAGOSHI	1987	Befunolol, carteolol	Asthma
BOSKABADY	2006	Propranolol	Asthma
SHAUKAT	2012	Celiprolol	Asthma
ABUELEZZ	2018	Nebivolol	Asthma
GATTO	1987	Beta-blockers (unspecified)	Asthma
NGUYEN	2008	Nadolol	Asthma
LIN	2008	Metoprolol, ICI118,551	Asthma
NGUYEN	2009	Alprenolol	Asthma
NGUYEN	2012	Nadolol	Asthma
THANAWALA	2015	Alprenolol, carvedilol, propranolol, nadolol	Asthma
CALLAERTS-VEGH	2004	Carvedilol, nadolol, alprenolol	Asthma
BAKER	2017	NDD-713 and NDD-825	Asthma
LIPWORTH	2016	Propranolol, nadolol	Asthma
RANK	2008	Beta-blockers (unspecified)	Asthma