

Table 1 Risk of bias ratings by study reporting effectiveness outcomes

Author Year	RSG	AC	BPP	BOA	IOD	SR	OB	Overall
Abdullah 2013 ¹	+	+	+	+	+	?	+	+
Abelin 1989 ²	?	?	?	?	+	?	-	-
Ahluwalia 1998 ³	+	+	+	+	+	?	+	+
Ahluwalia 2002 ⁴	+	+	+	+	+	?	+	+
Ahluwalia 2006 ⁵	+	+	+	+	+	?	+	+
Anderson 2018 ⁶	+	?	-	-	+	+	+	-
Andrews 2016 ⁷	?	+	-	?	+	+	+	-
Anthenelli 2013 ⁸	+	+	+	+	+	+	+	+
Anthenelli 2016 ⁹	+	+	+	+	+	+	+	+
Anthonisen 1994 ¹⁰	?	?	-	?	+	+	+	-
Areechon 1988 ¹¹	?	?	+	+	+	?	-	-
Aryanpur 2016 ¹²	?	?	-	+	+	?	+	-
Aubin 2004 ¹³	+	+	+	+	+	?	+	+
Aubin 2008 ¹⁴	+	+	-	-	+	+	?	-
Baker 2006 ¹⁵	+	+	-	+	+	?	+	-
Baker 2016 ¹⁶	+	-	-	-	+	+	+	-
Baldassarri 2018 ¹⁷	+	+	+	+	-	+	?	-
Batra 2005 ¹⁸	?	?	?	?	+	?	+	?
Bernstein 2015 ¹⁹	+	+	-	+	+	+	+	-
Binnie 2007 ²⁰	+	?	-	?	-	?	+	-
Bjurlin 2013 ²¹	-	-	-	?	+	?	+	-
Blondal 1989 ²²	?	?	?	?	+	?	+	?
Blondal 1997 ²³	+	?	+	+	?	?	+	?
Blondal 1999 ²⁴	+	+	+	+	+	?	+	+
Bohadana 2000 ²⁵	+	+	?	?	?	?	+	?
Bolliger 2000 ²⁶	+	?	?	?	+	?	+	?
Bolliger 2007 ²⁷	?	?	-	?	-	?	-	-
Bolliger 2011 ²⁸	+	+	+	+	+	+	+	+
Bonevski 2018 ²⁹	+	-	-	+	+	+	+	-
Boyle 1992 ³⁰	+	+	+	+	+	?	+	+
Brown 2007 ³¹	?	?	+	+	+	?	+	?
Buchkremer 1988 ³²	?	?	+	+	?	?	+	?
Buchkremer 1989 ³³	?	?	-	?	?	?	+	-
Bullen 2010 ³⁴	+	+	?	?	+	?	+	?
Bullen 2013 ³⁵	+	+	+	+	+	+	+	+

Author Year	RSG	AC	BPP	BOA	IOD	SR	OB	Overall
Burns 2016 ³⁶	?	?	?	?	+	+	+	?
Caldwell 2014 ³⁷	+	+	+	+	-	?	+	-
Caldwell 2016 ³⁸	+	+	+	+	+	+	+	+
Caldwell 2018 ³⁹	?	?	?	-	+	+	+	-
Campbell 1983 ⁴⁰	+	+	+	+	+	?	+	+
Campbell 1987 ⁴¹	?	?	?	?	?	?	?	?
Campbell 1991 ⁴²	?	?	?	?	?	?	+	?
Campbell 1996 ⁴³	?	?	?	?	+	?	+	?
Caponnetto 2013 ⁴⁴	+	+	+	+	+	?	+	?
Carpenter 2011 ⁴⁵	+	?	-	-	+	+	+	-
Carson 2014 ⁴⁶	+	+	?	?	?	?	+	?
Chan 2011 ⁴⁷	+	+	-	+	+	+	+	-
Chengappa 2014 ⁴⁸	+	+	+	+	?	?	?	?
Cinciripini 1996 ⁴⁹	?	?	?	?	?	?	+	?
Cinciripini 2013 ⁵⁰	?	?	?	?	+	?	?	?
Cinciripini 2018 ⁵¹	+	+	+	+	+	+	+	+
Clavel 1985 ⁵²	?	?	?	?	-	?	+	-
Clavelchapelon 1992 ⁵³	?	?	?	?	-	?	+	-
Collins 2004 ⁵⁴	+	+	?	?	+	?	+	?
Cooney 2007 ⁵⁵	?	?	-	?	+	+	+	-
Cooney 2009 ⁵⁶	+	+	?	+	+	+	+	?
Cooper 2005 ⁵⁷	?	?	?	?	?	?	+	?
Cooperman 2017 ⁵⁸	?	?	-	?	?	?	+	-
Covey 2007 ⁵⁹	+	+	+	+	-	?	+	-
Cox 2012 ⁶⁰	+	?	?	?	+	?	+	?
Croghan 2003 ⁶¹	+	+	-	-	+	?	+	-
Cropsey 2015 ⁶²	?	?	?	?	+	?	+	?
Cummings 2011 ⁶³	?	-	?	?	+	?	+	-
Cummins 2016 ⁶⁴	+	+	-	+	+	+	+	-
Cunningham 2016 ⁶⁵	+	+	-	+	+	+	+	-
Dale 1995 ⁶⁶	?	?	+	+	+	?	+	?
Dale 2002 ⁶⁷	?	?	+	+	+	?	+	?
Dale 2007 ⁶⁸	+	?	+	+	?	?	+	?
Dalsgarð 2004 ⁶⁹	+	+	?	?	+	?	+	?
Daughton 1991 ⁷⁰	?	?	+	+	?	?	+	?
Daughton 1998 ⁷¹	+	+	?	?	+	?	+	?
Daughton 1999/TNSG 1991 ⁷²	?	?	?	?	+	?	+	?

Author Year	RSG	AC	BPP	BOA	IOD	SR	OB	Overall
Dautzenberg 2001 ⁷³	?	?	?	?	+	?	+	?
Davidson 1998 ⁷⁴	+	+	?	?	+	?	+	?
De Dios 2012 ⁷⁵	?	?	?	?	+	?	+	?
Dogar 2018 ⁷⁶	+	+	+	+	+	+	+	+
Ebbert 2007 ⁷⁷	+	+	+	?	+	?	+	?
Ebbert 2009 ⁷⁸	+	+	+	+	+	?	+	+
Ebbert 2010 ⁷⁹	+	+	+	+	?	+	+	?
Ebbert 2011 ⁸⁰	+	+	+	+	+	+	+	+
Ebbert 2013 ⁸¹	+	+	+	+	-	?	+	-
Ebbert 2014 ⁸²	+	+	+	+	+	?	+	+
Ebbert 2015 ⁸³	+	+	+	+	+	+	+	+
Ebbert 2017 ⁸⁴	+	?	+	+	-	?	+	-
Ehrsam 1991 ⁸⁵	?	?	?	?	?	?	?	?
Eisenberg 2013 ⁸⁶	+	+	?	?	+	?	+	?
Eisenberg 2016 ⁸⁷	+	?	?	?	+	+	+	?
Ellerbeck 2018 ⁸⁸	+	+	-	-	+	+	+	-
Etter 2002 ⁸⁹	+	?	-	-	+	?	+	-
Etter 2009 ⁹⁰	+	?	-	-	+	?	+	-
Evins 2001 ⁹¹	?	?	?	?	+	?	+	?
Evins 2005 ⁹²	?	?	?	?	+	?	+	?
Evins 2007 ⁹³	?	?	+	+	+	?	+	?
Evins 2014 ⁹⁴	+	+	+	+	+	+	+	+
Fagerstrom 1982 ⁹⁵	?	?	+	+	+	?	+	?
Fagerstrom 1984 ⁹⁶	-	-	-	-	-	?	-	-
Fagerstrom 2010 ⁹⁷	+	+	+	+	+	+	+	+
Fee 1982 ⁹⁸	?	?	?	?	?	?	+	?
FernandezArias 2014 ⁹⁹	?	?	-	?	?	?	+	-
Ferry 1992 ¹⁰⁰	?	?	?	?	?	?	+	?
Ferry 1994 ¹⁰¹	?	?	?	?	?	?	+	?
Fiore 1994A ¹⁰²	+	+	?	?	+	?	+	?
Fiore 1994B ¹⁰²	+	?	?	?	+	?	+	?
Fiore 2004 ¹⁰³	?	?	?	?	+	?	+	?
Fortmann 1995 ¹⁰⁴	?	?	?	?	?	?	+	?
Fossati 2007 ¹⁰⁵	?	?	?	?	+	?	+	?
Fouz-Rosón 2017 ¹⁰⁶	+	?	-	-	+	?	+	-
Gallagher 2007 ¹⁰⁷	+	-	-	-	+	?	+	-
Gariti 2009 ¹⁰⁸	+	?	+	+	+	?	+	?

Author Year	RSG	AC	BPP	BOA	IOD	SR	OB	Overall
Garvey 2000 ¹⁰⁹	?	?	?	?	-	?	+	-
George 2002 ¹¹⁰	?	?	?	?	?	?	+	?
George 2008 ¹¹¹	?	?	?	?	+	?	+	?
Gifford 2004 ¹¹²	?	?	-	?	-	?	+	-
Gilbert 1989 ¹¹³	?	?	-	-	?	?	?	-
Ginsberg 1992 ¹¹⁴	?	?	?	?	?	?	+	?
Glavas 2003A ¹¹⁵	?	+	?	?	+	?	+	?
Glavas 2003B ¹¹⁶	?	+	?	?	?	?	?	?
GlaxoSmithKline 2009 ¹¹⁷	?	?	+	?	+	+	+	?
Glover 2002 ¹¹⁸	+	+	+	+	?	?	+	?
Goldstein 1989 ¹¹⁹	?	?	-	-	+	?	?	-
Gonzales 2001 ¹²⁰	+	?	+	+	?	?	+	?
Gonzales 2006 ¹²¹	+	+	+	+	+	+	+	+
Gonzales 2014 ¹²²	+	?	?	?	+	+	+	?
Gorecka 2003 ¹²³	?	?	-	-	?	?	+	-
Gourlay 1995 ¹²⁴	?	?	+	+	+	?	+	?
Graham 2017 ¹²⁵	+	+	-	-	+	?	+	-
Grant 2007 ¹²⁶	?	?	?	?	+	?	+	?
Gross 1995 ¹²⁷	?	?	-	-	?	?	+	-
Haas 2015 ¹²⁸	-	+	-	+	+	?	+	-
Haggström 2006 ¹²⁹	?	?	+	+	?	?	+	?
Hajek 2019 ¹³⁰	+	+	-	?	+	+	+	-
Hall 1985 ¹³¹	?	?	-	-	?	?	+	-
Hall 1987 ¹³²	?	?	+	+	+	?	+	?
Hall 1996 ¹³³	?	?	?	?	?	?	+	?
Hall 2002 ¹³⁴	?	+	-	-	+	?	+	-
Hall 2006 ¹³⁵	+	?	-	?	+	?	+	-
Hall 2009 ¹³⁶	?	+	-	-	+	+	+	-
Hall 2011 ¹³⁷	?	?	?	?	?	?	+	?
Halpern 2018 ¹³⁸	?	?	?	+	-	+	+	-
Hand 2002 ¹³⁹	?	-	-	-	?	?	+	-
Hanioka 2010 ¹⁴⁰	?	?	?	?	?	?	+	?
Harackiewicz 1988 ¹⁴¹	?	?	-	-	+	?	+	-
Hatsukami 1996 ¹⁴²	?	?	+	?	?	?	+	?
Hatsukami 2000 ¹⁴³	?	?	?	+	?	?	+	?
Hatsukami 2004 ¹⁴⁴	+	?	?	?	-	?	+	-
Hays 1999 ¹⁴⁵	+	+	+	+	?	?	+	?

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Hays 2001 ¹⁴⁶	+	+	+	+	+	?	+	+
Hays 2009 ¹⁴⁷	?	?	?	?	?	?	?	?
Herrera 1995 ¹⁴⁸	?	?	?	?	?	?	+	?
Hertzberg 2001 ¹⁴⁹	?	?	?	?	-	?	+	-
Heydari 2012 ¹⁵⁰	?	?	-	-	+	-	?	-
Heydari 2013 ¹⁵¹	+	?	-	-	+	+	?	-
Hilberink 2011 ¹⁵²	?	?	-	?	+	+	+	-
Hilleman 1994 ¹⁵³	?	?	-	-	?	?	+	-
Hjalmarson 1984 ¹⁵⁴	?	?	+	+	+	?	+	?
Hjalmarson 1994 ¹⁵⁵	?	?	+	+	?	?	+	?
Hjalmarson 1997 ¹⁵⁶	+	+	+	+	+	?	+	+
Hollis 2007 ¹⁵⁷	+	+	-	+	+	?	+	-
Holt 2005 ¹⁵⁸	+	?	+	+	-	?	+	-
Horst 2005 ¹⁵⁹	+	?	-	-	+	?	+	-
Howard-Pitney 1999 ¹⁶⁰	+	?	+	+	?	?	+	?
Huber 1988 ¹⁶¹	?	?	?	?	?	?	+	?
Hughes 1989 ¹⁶²	?	+	+	+	+	?	+	?
Hughes 1990 ¹⁶³	?	?	?	?	?	?	+	?
Hughes 1999 ¹⁶⁴	?	?	?	?	-	?	+	-
Hughes 2003 ¹⁶⁵	?	?	?	?	?	?	+	?
Hughes 2010 ¹⁶⁶	+	+	?	?	+	?	-	-
Hughes 2011 ¹⁶⁷	?	+	+	+	?	?	+	+
Hurt 1990 ¹⁶⁸	?	?	?	?	+	?	+	?
Hurt 1994 ¹⁶⁹	?	?	?	?	+	?	+	?
Hurt 1997 ¹⁷⁰	?	?	?	?	?	?	+	?
Hurt 2003 ¹⁷¹	+	?	?	?	?	?	+	?
Hurt 2018 ¹⁷²	+	?	+	+	-	+	+	-
ICRF 1994 ¹⁷³	?	+	+	+	+	?	+	?
Ikonomidis 2017 ¹⁷⁴	?	?	?	?	+	+	+	?
Jamrozik 1984 ¹⁷⁵	?	+	+	+	?	?	+	?
Jarvis 1982 ¹⁷⁶	?	?	+	+	+	?	-	-
Jensen 1991 ¹⁷⁷	?	?	-	-	?	?	+	-
Johns 2016 ¹⁷⁸	?	?	-	?	?	?	+	-
Johns 2017 ¹⁷⁹	?	?	-	-	?	?	+	-
Johns 2017 ¹⁸⁰	?	?	?	?	?	?	+	?
Jorenby 1995 ¹⁸¹	+	?	?	+	+	?	+	?
Jorenby 1999 ¹⁸²	+	?	?	?	+	?	+	?

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Jorenby 2006 ¹⁸³	+	+	?	?	+	+	+	?
Joseph 1996 ¹⁸⁴	+	?	?	?	+	?	+	?
Joseph 2004 ¹⁸⁵	+	+	-	+	+	+	+	-
Joseph 2011 ¹⁸⁶	+	+	?	+	+	+	+	?
Joyce 2008 ¹⁸⁷	?	?	-	?	+	?	+	-
Kalman 2006 ¹⁸⁸	?	?	?	?	+	?	+	?
Kalman 2011 ¹⁸⁹	?	?	?	?	+	?	+	?
Killen 1984 ¹⁹⁰	?	?	-	-	+	?	+	-
Killen 1990 ¹⁹¹	?	?	+	+	+	?	+	?
Killen 1997 ¹⁹²	?	?	+	+	+	?	+	?
Killen 1999 ¹⁹³	?	?	+	+	+	?	+	?
Killen 2006 ¹⁹⁴	+	+	+	+	+	?	+	+
Klesges 2015 ¹⁹⁵	+	+	-	?	+	+	+	-
Koegelenberg 2014 ¹⁹⁶	?	?	+	+	+	+	+	?
Kornitzer 1987 ¹⁹⁷	?	?	?	?	?	?	+	?
Kornitzer 1995 ¹⁹⁸	+	+	+	+	?	?	+	?
Kralikova 2002 ¹⁹⁹	?	?	?	?	?	?	+	?
Krupski 2016 ²⁰⁰	?	?	-	?	-	?	+	-
Lee 2013 ²⁰¹	+	+	-	+	+	+	+	-
Lee 2018 ²⁰²	+	+	-	+	+	+	+	-
Leischow 1996 ²⁰³	+	+	?	?	-	?	+	-
Leischow 1999 ²⁰⁴	?	?	+	+	?	?	+	?
Leischow 2004 ²⁰⁵	+	?	+	+	+	?	+	?
Lerman 2004 ²⁰⁶	+	+	+	+	+	?	+	+
Lerman 2015 ²⁰⁷	?	+	+	+	+	?	+	+
Levine 2010 ²⁰⁸	?	?	?	?	-	?	+	-
Lewis 1998 ²⁰⁹	+	+	+	+	?	?	+	?
Littlewood 2017 ²¹⁰	+	+	+	?	-	?	+	-
Llivina 1988 ²¹¹	?	?	?	?	-	?	+	-
Lloyd-Richardson 2009 ²¹²	?	?	?	+	+	+	+	?
Malcolm 1980 ²¹³	?	?	?	?	?	?	?	?
Martin 1997 ²¹⁴	?	?	-	?	?	?	+	-
McAfee 2008 ²¹⁵	+	+	-	?	-	?	+	-
McCarthy 2008 ²¹⁶	+	+	+	+	+	?	+	+
McGovern 1992 ²¹⁷	?	?	?	?	+	?	+	?
Mercie 2018 ²¹⁸	+	+	+	+	+	+	+	+
Molyneux 2003 ²¹⁹	?	?	?	?	?	?	?	?

Author Year	RSG	AC	BPP	BOA	IOD	SR	OB	Overall
Mori 1992 ²²⁰	?	?	?	?	?	?	+	?
Myles 2004 ²²¹	+	+	+	+	+	?	+	+
Myung 2007 ²²²	+	+	?	?	+	?	+	?
Nahvi 2014 ²²³	+	+	+	+	+	+	+	+
Nakamura 1990 ²²⁴	?	?	-	-	?	?	+	-
Nakamura 2007 ²²⁵	+	+	+	+	?	-	+	-
NCT00365508 ²²⁶	?	?	-	-	+	+	+	-
NCT00828113 ²²⁷	?	?	?	?	-	-	+	-
Nebot 1992 ²²⁸	-	?	?	?	?	?	+	-
Niaura 1994 ²²⁹	?	?	+	+	+	?	+	?
Niaura 1999 ²³⁰	?	?	?	?	+	?	+	?
Niaura 2008 ²³¹	+	+	?	?	+	+	+	?
Nides 2006 ²³²	+	+	?	?	?	+	+	?
Nides 2018 ²³³	?	?	?	?	+	+	+	?
Ockene 1991 ²³⁴	?	+	?	?	?	?	+	?
Okuyemi 2007 ²³⁵	?	+	-	-	+	?	+	-
Oncken 2006 ²³⁶	?	?	+	+	+	+	+	?
Oncken 2007 ²³⁷	?	?	?	?	+	?	+	?
Ortega 2011 ²³⁸	+	?	-	-	?	?	+	-
Pack 2008 ²³⁹	+	+	-	+	+	?	+	-
Page 1986 ²⁴⁰	-	-	+	+	?	?	+	-
Paoletti 1996 ²⁴¹	?	?	?	?	+	?	+	?
Perng 1998 ²⁴²	?	?	?	?	?	?	+	?
Piper 2007 ²⁴³	+	+	+	+	+	?	+	+
Piper 2009 ²⁴⁴	+	+	?	+	+	?	+	?
Piper 2018 ²⁴⁵	+	+	-	-	+	+	+	-
Pirie 1992 ²⁴⁶	?	?	?	?	+	?	+	?
Planer 2011 ²⁴⁷	?	?	+	+	+	?	+	?
Prapavessis 2007 ²⁴⁸	+	+	-	+	+	+	+	-
Puska 1979 ²⁴⁹	?	?	+	+	?	?	+	?
Puska 1995 ²⁵⁰	?	?	?	?	+	?	+	?
QuilezGarcia 1989 ²⁵¹	?	?	?	?	?	?	+	?
Ramon 2014 ²⁵²	+	+	+	+	+	+	+	+
Ratner 2004 ²⁵³	+	+	-	+	+	?	+	-
Reid 2003 ²⁵⁴	+	+	-	?	+	?	+	-
Reid 2008 ²⁵⁵	+	+	-	?	+	?	+	-
Rennard 2006 ²⁵⁶	?	?	?	?	-	?	+	-

Author Year	RSG	AC	BPP	BOA	IOD	SR	OB	Overall
Rennard 2012 ²⁵⁷	+	+	+	+	+	+	+	+
Richmond 1993 ²⁵⁸	-	-	?	?	?	?	+	-
Richmond 1994 ²⁵⁹	+	+	?	?	+	?	+	?
Rigotti 2006 ²⁶⁰	+	+	+	+	+	?	+	+
Rigotti 2010 ²⁶¹	+	+	+	+	+	+	+	+
Rodriguez-Artalejo 2003 ²⁶²	+	+	-	-	+	?	+	-
Rohsenow 2017 ²⁶³	+	+	?	+	?	+	+	?
Rose 2013 ²⁶⁴	?	?	?	?	+	+	?	?
Roto 1987 ²⁶⁵	?	?	?	?	?	?	+	?
Rovina 2009 ²⁶⁶	?	?	-	-	?	?	+	-
Russell 1983 ²⁶⁷	-	-	-	-	+	?	+	-
Sachs 1993 ²⁶⁸	?	?	?	?	?	?	+	?
SadrAzodi 2009 ²⁶⁹	?	+	-	?	+	+	+	-
Schauffler 2001 ²⁷⁰	?	?	-	?	+	?	-	-
Schiller 2012 ²⁷¹	?	?	-	?	-	?	+	-
Schmitz 2007 ²⁷²	+	+	?	?	+	?	+	?
Schneider 1983A ²⁷³	?	?	?	?	?	?	+	?
Schneider 1983B ²⁷³	?	?	?	?	?	?	+	?
Schneider 1995 ²⁷⁴	?	?	?	?	?	?	+	?
Schneider 1996 ²⁷⁵	+	+	+	+	?	?	+	?
Schnoll 2010 ²⁷⁶	?	?	?	?	+	?	+	?
Schnoll 2010A ²⁷⁷	+	?	+	+	+	?	+	?
Schnoll 2010B ²⁷⁸	?	?	-	-	+	?	-	-
Schnoll 2015 ²⁷⁹	+	?	?	?	+	+	+	?
Schnoll 2019 ²⁸⁰	+	+	+	+	+	+	+	+
Segnan 1991 ²⁸¹	+	+	+	+	+	?	+	+
Selby 2003 ²⁸²	?	?	?	?	-	?	+	-
SelmaBozkurtZincir 2013 ²⁸³	?	?	-	?	?	?	+	-
Severson 2015 ²⁸⁴	?	?	-	?	+	+	+	-
Sharifirad 2012 ²⁸⁵	?	?	-	?	-	+	+	-
Sharma 2018 ²⁸⁶	+	+	-	?	+	+	+	-
Sherman 2008 ²⁸⁷	-	+	-	-	?	?	+	-
Shiffman 2002 ²⁸⁸	?	?	?	?	+	?	+	?
Shiffman 2009 ²⁸⁹	+	?	?	?	?	?	+	?
Siddiqi 2013 ²⁹⁰	+	+	-	-	+	?	-	-
Simon 1997 ²⁹¹	+	+	-	?	+	?	+	-
Simon 2004 ²⁹²	+	?	?	?	+	?	+	?

Author Year	RSG	AC	BPP	BOA	IOD	SR	OB	Overall
Simon 2009 ²⁹³	+	?	+	+	+	?	+	?
Smith 2009 ²⁹⁴	?	?	-	-	+	?	+	-
SMK20001 ²⁹⁵	?	?	?	?	+	?	+	?
Solomon 2000 ²⁹⁶	?	?	?	?	+	?	+	?
Solomon 2005 ²⁹⁷	?	?	?	?	+	?	+	?
Sonderskov 1997 ²⁹⁸	+	+	+	+	+	?	+	+
Stapleton 1995 ²⁹⁹	+	+	+	+	?	+	+	?
Stapleton 2013 ³⁰⁰	+	+	-	-	+	?	+	-
Stein 2013 ³⁰¹	?	?	+	+	+	+	+	?
Steinberg 2009 ³⁰²	+	+	-	-	+	+	+	-
Steinberg 2011 ³⁰³	+	+	+	+	?	+	+	?
Stockings 2014 ³⁰⁴	+	+	-	+	+	+	+	-
Sutherland 1992 ³⁰⁵	?	?	+	+	?	?	+	?
Sutton 1987 ³⁰⁶	?	?	-	?	+	?	+	-
Sutton 1988 ³⁰⁷	?	?	-	?	+	?	+	-
Swan 2003 ³⁰⁸	+	+	-	-	+	?	+	-
Swanson 2003 ³⁰⁹	+	+	-	?	+	?	+	-
Tashkin 2001 ³¹⁰	+	+	?	?	+	?	+	?
Tashkin 2011 ³¹¹	?	?	?	?	?	?	+	?
Thomsen 2010 ³¹²	?	+	-	+	+	?	+	-
Tonnesen 1988 ³¹³	?	?	?	?	+	?	+	?
Tonnesen 1988 ³¹⁴	?	?	-	-	+	?	+	-
Tonnesen 1991 ³¹⁵	+	+	+	+	+	?	+	+
Tonnesen 1993 ³¹⁶	+	+	+	+	+	?	+	+
Tonnesen 1999 ³¹⁷	+	+	+	+	+	?	+	+
Tonnesen 2000 ³¹⁸	+	?	?	?	?	?	+	?
Tonnesen 2003 ³¹⁹	+	+	?	?	+	?	+	?
Tonnesen 2006 ³²⁰	+	?	?	?	+	?	+	?
Tønnesen 2012 ³²¹	+	+	+	+	+	?	+	+
Tonstad 2003 ³²²	?	?	?	?	?	?	+	?
Tonstad 2006 ³²³	+	+	+	+	+	+	+	+
Tromeur 2018 ³²⁴	?	?	?	?	?	?	+	?
Tsai 2007 ³²⁵	+	+	+	+	?	?	+	?
Tsukahara 2010 ³²⁶	?	?	-	-	?	+	+	-
Tuisku 2016 ³²⁷	+	?	-	-	+	+	-	-
Tulloch 2016 ³²⁸	+	+	-	+	+	+	+	-
UniversityofMichigan 2011 ³²⁹	?	?	-	-	+	?	+	-

Author Year	RSG	AC	BPP	BOA	IOD	SR	OB	Overall
Urdapilleta-Herrera 2013 ³³⁰	?	?	?	?	?	?	+	?
Uyar 2007 ³³¹	?	?	-	-	?	?	+	-
Vial 2002 ³³²	+	?	-	?	-	?	+	-
Villa 1999 ³³³	?	?	?	?	?	?	+	?
Wagena 2005 ³³⁴	+	+	?	?	+	?	+	?
Wallstrom 2000 ³³⁵	+	?	+	+	?	?	+	?
Walsh 1999 ³³⁶	?	?	?	?	+	?	+	?
Wang 2009 ³³⁷	?	?	?	?	?	+	+	?
Ward 2013 ³³⁸	?	+	+	+	+	?	+	?
Weaver 2015 ³³⁹	?	?	-	?	?	?	+	-
Wennike 2003 ³⁴⁰	?	?	?	?	-	?	+	-
Westergaard 2015 ³⁴¹	?	?	?	?	?	?	+	?
Westman 1993 ³⁴²	?	?	+	+	+	?	+	?
Wewers 2000 ³⁴³	?	+	+	-	-	?	+	-
Wiggers 2006 ³⁴⁴	+	?	?	+	+	?	+	?
Williams 2007 ³⁴⁵	?	?	?	?	+	+	+	?
Williams 2012 ³⁴⁶	?	?	+	+	+	+	+	?
Wilson 2008 ³⁴⁷	+	?	-	+	+	?	+	-
Winhusen 2014 ³⁴⁸	?	?	-	?	+	+	+	-
Wiratmoko 2013 ³⁴⁹	?	?	-	?	?	?	+	-
Wittchen 2011 ³⁵⁰	?	-	-	-	+	?	+	-
Wong 1999 ³⁵¹	+	+	-	-	+	?	+	-
Wong 2012 ³⁵²	+	+	+	+	+	+	+	+
Wong 2017 ³⁵³	+	+	-	-	+	+	+	-
Yang 2016 ³⁵⁴	?	?	-	-	?	?	+	-
Yuhongxia 2011 ³⁵⁵	?	?	-	?	?	?	+	-
Zellweger 2005 ³⁵⁶	?	?	?	?	?	?	+	?
Zelman 1992 ³⁵⁷	?	?	-	-	?	?	+	-
Zernig 2008 ³⁵⁸	?	+	-	?	-	+	+	-
ZYB 30011 ³⁵⁹	?	?	?	?	+	?	+	?
ZYB40005 ³⁶⁰	?	?	?	?	-	?	+	-
ZYBAKIA402 ³⁶¹	?	?	?	?	+	?	+	?

Note. "+" = low risk of bias; "?" = unclear risk of bias; "-" = high risk of bias; RSG, random sequence generation; AC, allocation concealment; BPP, blinding of participants and personnel; BOA, blinding of outcome assessment; IOD, incomplete outcome data; SR, selective reporting; OB, other bias; Overall, overall risk of bias.

References

1. Abdullah AS, Hedley AJ, Chan SS, Lam TH. A randomized controlled trial of two different lengths of nicotine replacement therapy for smoking cessation. *Biomed Res Int*. 2013;2013(961751):961751.
2. Abelin T, Buehler A, Muller P, Vesanen K, Imhof PR. Controlled trial of transdermal nicotine patch in tobacco withdrawal. *Lancet*. 1989;1(8628):7-10.
3. Ahluwalia JS, McNagny SE, Clark WS. Smoking cessation among inner-city African Americans using the nicotine transdermal patch. *J Gen Intern Med*. 1998;13(1):1-8.
4. Ahluwalia JS, Harris KJ, Catley D, Okuyemi KS, Mayo MS. Sustained-release bupropion for smoking cessation in African Americans: a randomized controlled trial. *JAMA*. 2002;288(4):468-74.
5. Ahluwalia JS, Okuyemi K, Nollen N, Choi WS, Kaur H, Pulvers K, et al. The effects of nicotine gum and counseling among African American light smokers: a 2 x 2 factorial design. *Addiction*. 2006;101(6):883-91.
6. Anderson CM, Cummins SE, Kohatsu ND, Gamst AC, Zhu SH. Incentives and Patches for Medicaid Smokers: An RCT. *Am J Prev Med*. 2018;55(6 Suppl 2):S138-S47.
7. Andrews JO, Mueller M, Dooley M, Newman SD, Magwood GS, Tingen MS. Effect of a smoking cessation intervention for women in subsidized neighborhoods: A randomized controlled trial. *Prev Med*. 2016;90:170-6.
8. Anthenelli RM, Morris C, Ramey TS, Dubrava SJ, Tsilkos K, Russ C, et al. Effects of varenicline on smoking cessation in adults with stably treated current or past major depression: a randomized trial. *Ann Intern Med*. 2013;159(6):390-400.
9. Anthenelli RM, Benowitz NL, West R, St Aubin L, McRae T, Lawrence D, et al. Neuropsychiatric safety and efficacy of varenicline, bupropion, and nicotine patch in smokers with and without psychiatric disorders (EAGLES): a double-blind, randomised, placebo-controlled clinical trial. *Lancet*. 2016;387(10037):2507-20.
10. Anthonisen NR, Connett JE, Kiley JP, Altose MD, Bailey WC, Buist AS, et al. Effects of smoking intervention and the use of an inhaled anticholinergic bronchodilator on the rate of decline of FEV1. The Lung Health Study. *Jama*. 1994;272(19):1497-505.
11. Areechon W, Punnotok J. Smoking Cessation through the Use of Nicotine Chewing Gum - a Double-Blind Trial in Thailand. *Clinical Therapeutics*. 1988;10(2):183-6.
12. Aryanpur M, Hosseini M, Masjedi MR, Mortaz E, Tabarsi P, Soori H, et al. A randomized controlled trial of smoking cessation methods in patients newly-diagnosed with pulmonary tuberculosis. *BMC Infect Dis*. 2016;16(369):369.
13. Aubin HJ, Lebargy F, Berlin I, Bidaut-Mazel C, Chemali-Hudry J, Lagrue G. Efficacy of bupropion and predictors of successful outcome in a sample of French smokers: a randomized placebo-controlled trial. *Addiction*. 2004;99(9):1206-18.
14. Aubin HJ, Bobak A, Britton JR, Oncken C, Billing CB, Jr., Gong J, et al. Varenicline versus transdermal nicotine patch for smoking cessation: results from a randomised open-label trial. *Thorax*. 2008;63(8):717-24.
15. Baker A, Richmond R, Haile M, Lewin TJ, Carr VJ, Taylor RL, et al. A randomized controlled trial of a smoking cessation intervention among people with a psychotic disorder. *American Journal of Psychiatry*. 2006;163(11):1934-42.
16. Baker TB, Piper ME, Stein JH, Smith SS, Bolt DM, Fraser DL, et al. Effects of Nicotine Patch vs Varenicline vs Combination Nicotine Replacement Therapy on Smoking Cessation at 26 Weeks: A Randomized Clinical Trial. *JAMA*. 2016;315(4):371-9.
17. Baldassarri SR, Bernstein SL, Chupp GL, Slade MD, Fucito LM, Toll BA. Electronic cigarettes for adults with tobacco dependence enrolled in a tobacco treatment program: A pilot study. *Addict Behav*. 2018;80:1-5.
18. Batra A, Klingler K, Landfeldt B, Friederich HM, Westin A, Danielsson T. Smoking reduction treatment with 4-mg nicotine gum: a double-blind, randomized, placebo-controlled study. *Clin Pharmacol Ther*. 2005;78(6):689-96.
19. Bernstein SL, D'Onofrio G, Rosner J, O'Malley S, Makuch R, Busch S, et al. Successful Tobacco Dependence Treatment in Low-Income Emergency Department Patients: A Randomized Trial. *Ann Emerg Med*. 2015;66(2):140-7.
20. Binnie VI, McHugh S, Jenkins W, Borland W, Macpherson LM. A randomised controlled trial of a smoking cessation intervention delivered by dental hygienists: a feasibility study. *BMC Oral Health*. 2007;7:5.
21. Bjurlin MA, Cohn MR, Kim DY, Freeman VL, Lombardo L, Hurley SD, et al. Brief smoking cessation intervention: a prospective trial in the urology setting. *J Urol*. 2013;189(5):1843-9.
22. Blondal T. Controlled trial of nicotine polacrilex gum with supportive measures. *Arch Intern Med*. 1989;149(8):1818-21.
23. Blondal T, Franzon M, Westin A. A double-blind randomized trial of nicotine nasal spray as an aid in smoking cessation. *Eur Respir J*. 1997;10(7):1585-90.

24. Blondal T, Gudmundsson LJ, Olafsdottir I, Gustavsson G, Westin A. Nicotine nasal spray with nicotine patch for smoking cessation: randomised trial with six year follow up. *BMJ*. 1999;318(7179):285-8.
25. Bohadana A, Nilsson F, Rasmussen T, Martinet Y. Nicotine inhaler and nicotine patch as a combination therapy for smoking cessation: a randomized, double-blind, placebo-controlled trial. *Arch Intern Med*. 2000;160(20):3128-34.
26. Bolliger CT, Zellweger JP, Danielsson T, van Biljon X, Robidou A, Westin A, et al. Smoking reduction with oral nicotine inhalers: double blind, randomised clinical trial of efficacy and safety. *BMJ*. 2000;321(7257):329-33.
27. Bolliger CT, van Biljon X, Axelsson A. A nicotine mouth spray for smoking cessation: a pilot study of preference, safety and efficacy. *Respiration*. 2007;74(2):196-201.
28. Bolliger CT, Issa JS, Posadas-Valay R, Safwat T, Abreu P, Correia EA, et al. Effects of varenicline in adult smokers: a multinational, 24-week, randomized, double-blind, placebo-controlled study. *Clin Ther*. 2011;33(4):465-77.
29. Bonevski B, Twyman L, Paul C, D'Este C, West R, Siahpush M, et al. Smoking cessation intervention delivered by social service organisations for a diverse population of Australian disadvantaged smokers: A pragmatic randomised controlled trial. *Prev Med*. 2018;112:38-44.
30. Boyle R, Severson H, Lichtenstein E, et al. Smokeless tobacco cessation with nicotine reduction: A placebo controlled trial [abstract]. Paper presented at: 121st Annual Meeting Location: San Francisco, CA. 1992.
31. Brown RA, Niaura R, Lloyd-Richardson EE, Strong DR, Kahler CW, Abrantes AM, et al. Bupropion and cognitive-behavioral treatment for depression in smoking cessation. *Nicotine Tob Res*. 2007;9(7):721-30.
32. Buchkremer G, Bents H, Horstmann M, Opitz K, Tölle R. Combination of behavioral smoking cessation with transdermal nicotine substitution. *Addictive Behaviors*. 1989;14(2):229-38.
33. Buchkremer G, Minneker E. Efficiency of multimodal smoking cessation therapy combining transdermal nicotine substitution with behavioral therapy. *Methods and findings in experimental and clinical pharmacology*. 1989;11(3):215-8.
34. Bullen C, Howe C, Lin RB, Grigg M, Laugesen M, McRobbie H, et al. Pre-cessation nicotine replacement therapy: pragmatic randomized trial. *Addiction*. 2010;105(8):1474-83.
35. Bullen C, Howe C, Laugesen M, McRobbie H, Parag V, Williman J, et al. Electronic cigarettes for smoking cessation: A randomised controlled trial. *The Lancet*. 2013;382(9905):1629-37.
36. Burns EK, Hood NE, Goforth E, Levinson AH. Randomised trial of two nicotine patch protocols distributed through a state quitline. *Tob Control*. 2016;25(2):218-23.
37. Caldwell BO, Adamson SJ, Crane J. Combination rapid-acting nicotine mouth spray and nicotine patch therapy in smoking cessation. *Nicotine Tob Res*. 2014;16(10):1356-64.
38. Caldwell BO, Crane J. Combination Nicotine Metered Dose Inhaler and Nicotine Patch for Smoking Cessation: A Randomized Controlled Trial. *Nicotine Tob Res*. 2016;18(10):1944-51.
39. Caldwell AL, Tingen MS, Nguyen JT, Andrews JO, Heath J, Waller JL, et al. Parental Smoking Cessation: Impacting Children's Tobacco Smoke Exposure in the Home. *Pediatrics*. 2018;141(Suppl 1):S96-S106.
40. Campbell IA. Comparison of 4 Methods of Smoking Withdrawal in Patients with Smoking Related Diseases. *British Medical Journal*. 1983;286(6365):595-7.
41. Campbell IA, Lyons E, Prescott RJ. Stopping Smoking - Do Nicotine Chewing-Gum and Postal Encouragement Add to Doctors Advice. *Practitioner*. 1987;231(1423):114-7.
42. Campbell IA, Prescott RJ, Tjeder-Burton SM. Smoking cessation in hospital patients given repeated advice plus nicotine or placebo chewing gum. *Respir Med*. 1991;85(2):155-7.
43. Campbell IA, Prescott RJ, Tjeder-Burton SM. Transdermal nicotine plus support in patients attending hospital with smoking-related diseases: a placebo-controlled study. *Respir Med*. 1996;90(1):47-51.
44. Caponnetto P, Campagna D, Cibella F, Morjaria JB, Caruso M, Russo C, et al. Efficiency and Safety of an eElectronic cigarette (ECLAT) as tobacco cigarettes substitute: a prospective 12-month randomized control design study. *PLoS One*. 2013;8(6):e66317.
45. Carpenter MJ, Hughes JR, Gray KM, Wahlquist AE, Saladin ME, Alberg AJ. Nicotine therapy sampling to induce quit attempts among smokers unmotivated to quit: a randomized clinical trial. *Arch Intern Med*. 2011;171(21):1901-7.
46. Carson KV, Smith BJ, Brinn MP, Peters MJ, Fitridge R, Koblar SA, et al. Safety of varenicline tartrate and counseling versus counseling alone for smoking cessation: a randomized controlled trial for inpatients (STOP study). *Nicotine Tob Res*. 2014;16(11):1495-502.

47. Chan SS, Leung DY, Abdullah AS, Wong VT, Hedley AJ, Lam TH. A randomized controlled trial of a smoking reduction plus nicotine replacement therapy intervention for smokers not willing to quit smoking. *Addiction*. 2011;106(6):1155-63.
48. Chengappa KN, Perkins KA, Brar JS, Schlicht PJ, Turkin SR, Hetrick ML, et al. Varenicline for smoking cessation in bipolar disorder: a randomized, double-blind, placebo-controlled study. *J Clin Psychiatry*. 2014;75(7):765-72.
49. Cinciripini PM, Cinciripini LG, Wallfisch A, Haque W, Van Vunakis H. Behavior therapy and the transdermal nicotine patch: effects on cessation outcome, affect, and coping. *J Consult Clin Psychol*. 1996;64(2):314-23.
50. Cinciripini PM, Robinson JD, Karam-Hage M, Minnix JA, Lam C, Versace F, et al. Effects of varenicline and bupropion sustained-release use plus intensive smoking cessation counseling on prolonged abstinence from smoking and on depression, negative affect, and other symptoms of nicotine withdrawal. *JAMA Psychiatry*. 2013;70(5):522-33.
51. Cinciripini PM, Minnix JA, Green CE, Robinson JD, Engelmann JM, Versace F, et al. An RCT with the combination of varenicline and bupropion for smoking cessation: clinical implications for front line use. *Addiction*. 2018.
52. Clavel F, Benhamou S, Companyhuertas A, Flamant R. Helping People to Stop Smoking - Randomized Comparison of Groups Being Treated with Acupuncture and Nicotine Gum with Control-Group. *British Medical Journal*. 1985;291(6508):1538-9.
53. Clavelchapelon F, Paoletti C, Benhamou S. A Randomized 2x2 Factorial Design to Evaluate Different Smoking Cessation Methods. *Revue D Epidemiologie Et De Sante Publique*. 1992;40(3):187-90.
54. Collins BN, Wileyto EP, Patterson F, Rukstalis M, Audrain-McGovern J, Kaufmann V, et al. Gender differences in smoking cessation in a placebo-controlled trial of bupropion with behavioral counseling. *Nicotine Tob Res*. 2004;6(1):27-37.
55. Cooney NL, Litt MD, Cooney JL, Pilkey DT, Steinberg HR, Oncken CA. Concurrent brief versus intensive smoking intervention during alcohol dependence treatment. *Psychol Addict Behav*. 2007;21(4):570-5.
56. Cooney NL, Cooney JL, Perry BL, Carbone M, Cohen EH, Steinberg HR, et al. Smoking cessation during alcohol treatment: a randomized trial of combination nicotine patch plus nicotine gum. *Addiction*. 2009;104(9):1588-96.
57. Cooper TV, Klesges RC, Debon MW, Zbikowski SM, Johnson KC, Clemens LH. A placebo controlled randomized trial of the effects of phenylpropanolamine and nicotine gum on cessation rates and postcessation weight gain in women. *Addict Behav*. 2005;30(1):61-75.
58. Cooperman NA, Lu SE, Richter KP, Bernstein SL, Williams JM. Pilot Study of a Tailored Smoking Cessation Intervention for Individuals in Treatment for Opioid Dependence. *Nicotine Tob Res*. 2018;20(9):1152-6.
59. Covey LS, Glassman AH, Jiang H, Fried J, Masmela J, LoDuca C, et al. A randomized trial of bupropion and/or nicotine gum as maintenance treatment for preventing smoking relapse. *Addiction*. 2007;102(8):1292-302.
60. Cox LS, Nollen NL, Mayo MS, Choi WS, Faseru B, Benowitz NL, et al. Bupropion for smoking cessation in African American light smokers: a randomized controlled trial. *J Natl Cancer Inst*. 2012;104(4):290-8.
61. Croghan GA, Sloan JA, Croghan IT, Novotny P, Hurt RD, DeKrey WL, et al. Comparison of nicotine patch alone versus nicotine nasal spray alone versus a combination for treating smokers: a minimal intervention, randomized multicenter trial in a nonspecialized setting. *Nicotine Tob Res*. 2003;5(2):181-7.
62. Cropsey KL, Clark CB, Zhang X, Hendricks PS, Jardin BF, Lahti AC. Race and Medication Adherence Moderate Cessation Outcomes in Criminal Justice Smokers. *Am J Prev Med*. 2015;49(3):335-44.
63. Cummings KM, Hyland A, Carlin-Menter S, Mahoney MC, Willett J, Juster HR. Costs of giving out free nicotine patches through a telephone quit line. *J Public Health Manag Pract*. 2011;17(3):E16-23.
64. Cummins SE, Gamst AC, Brandstein K, Seymann GB, Klonoff-Cohen H, Kirby CA, et al. Helping Hospitalized Smokers: A Factorial RCT of Nicotine Patches and Counseling. *Am J Prev Med*. 2016;51(4):578-86.
65. Cunningham JA, Kushnir V, Selby P, Tyndale RF, Zawertailo L, Leatherdale ST. Effect of Mailing Nicotine Patches on Tobacco Cessation Among Adult Smokers: A Randomized Clinical Trial. *JAMA Intern Med*. 2016;176(2):184-90.
66. Dale LC, Hurt RD, Offord KP, Lawson GM, Croghan IT, Schroeder DR. High-dose nicotine patch therapy. Percentage of replacement and smoking cessation. *JAMA*. 1995;274(17):1353-8.
67. Dale LC, Ebbert JO, Schroeder DR, Croghan IT, Rasmussen DF, Trautman JA, et al. Bupropion for the treatment of nicotine dependence in spit tobacco users: a pilot study. *Nicotine Tob Res*. 2002;4(3):267-74.
68. Dale LC, Ebbert JO, Glover ED, Croghan IT, Schroeder DR, Severson HH, et al. Bupropion SR for the treatment of smokeless tobacco use. *Drug Alcohol Depend*. 2007;90(1):56-63.

69. Dalsgareth OJ, Hansen NC, Soes-Petersen U, Evald T, Hoegholm A, Barber J, et al. A multicenter, randomized, double-blind, placebo-controlled, 6-month trial of bupropion hydrochloride sustained-release tablets as an aid to smoking cessation in hospital employees. *Nicotine Tob Res.* 2004;6(1):55-61.
70. Daughton DM, Heatley SA, Prendergast JJ, Causey D, Knowles M, Rolf CN, et al. Effect of Transdermal Nicotine Delivery as an Adjunct to Low-Intervention Smoking Cessation Therapy - a Randomized, Placebo-Controlled, Double-Blind-Study. *Archives of Internal Medicine.* 1991;151(4):749-52.
71. Daughton D, Susman J, Sitorius M, Belenky S, Millatmal T, Nowak R, et al. Transdermal nicotine therapy and primary care. Importance of counseling, demographic, and participant selection factors on 1-year quit rates. The Nebraska Primary Practice Smoking Cessation Trial Group. *Arch Fam Med.* 1998;7(5):425-30.
72. Daughton DM, Fortmann SP, Glover ED, Hatsukami DK, Heatley SA, Lichtenstein E, et al. The smoking cessation efficacy of varying doses of nicotine patch delivery systems 4 to 5 years post-quit day. *Prev Med.* 1999;28(2):113-8.
73. Dautzenberg B, Ruff F, Vaucher M, Maillon P, Jacob N, Kienzler JL, et al. First demonstration of the good efficacy/safety ratio of Nicotinell® 1mg Lozenges (NL 1mg), a new form of nicotine substitution, by randomised clinical trial. *European Respiratory Journal.* 2001;18 Suppl 33:12s.
74. Davidson M, Epstein M, Burt R, Schaefer C, Whitworth G, McDonald A. Efficacy and safety of an over-the-counter transdermal nicotine patch as an aid for smoking cessation. *Archives of Family Medicine.* 1998;7(6):569-74.
75. de Dios MA, Anderson BJ, Stanton C, Audet DA, Stein M. Project Impact: a pharmacotherapy pilot trial investigating the abstinence and treatment adherence of Latino light smokers. *J Subst Abuse Treat.* 2012;43(3):322-30.
76. Dogar O, Zahid R, Mansoor S, Kanaan M, Ahluwalia JS, Jawad M, et al. Varenicline versus placebo for waterpipe smoking cessation: a double-blind randomized controlled trial. *Addiction.* 2018;113(12):2290-9.
77. Ebbert JO, Dale LC, Patten CA, Croghan IT, Schroeder DR, Moyer TP, et al. Effect of high-dose nicotine patch therapy on tobacco withdrawal symptoms among smokeless tobacco users. *Nicotine Tob Res.* 2007;9(1):43-52.
78. Ebbert JO, Severson HH, Croghan IT, Danaher BG, Schroeder DR. A randomized clinical trial of nicotine lozenge for smokeless tobacco use. *Nicotine Tob Res.* 2009;11(12):1415-23.
79. Ebbert JO, Severson HH, Croghan IT, Danaher BG, Schroeder DR. A pilot study of mailed nicotine lozenges with assisted self-help for the treatment of smokeless tobacco users. *Addict Behav.* 2010;35(5):522-5.
80. Ebbert JO, Croghan IT, Severson HH, Schroeder DR, Hays JT. A pilot study of the efficacy of varenicline for the treatment of smokeless tobacco users in Midwestern United States. *Nicotine Tob Res.* 2011;13(9):820-6.
81. Ebbert JO, Croghan IT, Schroeder DR, Hurt RD. A randomized phase II clinical trial of high-dose nicotine patch therapy for smokeless tobacco users. *Nicotine Tob Res.* 2013;15(12):2037-44.
82. Ebbert JO, Hatsukami DK, Croghan IT, Schroeder DR, Allen SS, Hays JT, et al. Combination varenicline and bupropion SR for tobacco-dependence treatment in cigarette smokers: a randomized trial. *JAMA.* 2014;311(2):155-63.
83. Ebbert JO, Hughes JR, West RJ, Rennard SI, Russ C, McRae TD, et al. Effect of varenicline on smoking cessation through smoking reduction: a randomized clinical trial. *JAMA.* 2015;313(7):687-94.
84. Ebbert J, Croghan I, Hurt R, Schroeder D, Hays J. Varenicline for smoking cessation in light smokers 2017; 18(10):[2031-5 pp.]. Available from: <http://onlinelibrary.wiley.com/o/cochrane/clcentral/articles/505/CN-01245505/frame.html>.
85. Ehrsam RE, Buhler A, Muller P, Mauli D, Schumacher PM, Howald H, et al. [Weaning of young smokers using a transdermal nicotine patch]. *Schweiz Rundsch Med Prax.* 1991;80(7):145-50.
86. Eisenberg MJ, Grandi SM, Gervais A, O'Loughlin J, Paradis G, Rinfret S, et al. Bupropion for smoking cessation in patients hospitalized with acute myocardial infarction: a randomized, placebo-controlled trial. *J Am Coll Cardiol.* 2013;61(5):524-32.
87. Eisenberg MJ, Windle SB, Roy N, Old W, Grondin FR, Bata I, et al. Varenicline for Smoking Cessation in Hospitalized Patients With Acute Coronary Syndrome. *Circulation.* 2016;133(1):21-30.
88. Ellerbeck EF, Nollen N, Hutcheson TD, Phadnis M, Fitzgerald SA, Vacek J, et al. Effect of Long-term Nicotine Replacement Therapy vs Standard Smoking Cessation for Smokers With Chronic Lung Disease: A Randomized Clinical Trial. *JAMA Netw Open.* 2018;1(5):e181843.
89. Etter JF, Laszlo E, Zellweger JP, Perrot C, Perneger TV. Nicotine replacement to reduce cigarette consumption in smokers who are unwilling to quit: a randomized trial. *J Clin Psychopharmacol.* 2002;22(5):487-95.
90. Etter JF, Huguélet P, Perneger TV, Cornuz J. Nicotine Gum Treatment Before Smoking Cessation A Randomized Trial. *Archives of Internal Medicine.* 2009;169(11):1028-34.

91. Evins AE, Mays VK, Rigotti NA, Tisdale T, Cather C, Goff DC. A pilot trial of bupropion added to cognitive behavioral therapy for smoking cessation in schizophrenia. *Nicotine Tob Res.* 2001;3(4):397-403.
92. Evins AE, Cather C, Deckersbach T, Freudenreich O, Culhane MA, Olm-Shipman CM, et al. A double-blind placebo-controlled trial of bupropion sustained-release for smoking cessation in schizophrenia. *J Clin Psychopharmacol.* 2005;25(3):218-25.
93. Evins AE, Cather C, Culhane MA, Birnbaum A, Horowitz J, Hsieh E, et al. A 12-week double-blind, placebo-controlled study of bupropion sr added to high-dose dual nicotine replacement therapy for smoking cessation or reduction in schizophrenia. *J Clin Psychopharmacol.* 2007;27(4):380-6.
94. Evins AE, Cather C, Pratt SA, Pachas GN, Hoepfner SS, Goff DC, et al. Maintenance treatment with varenicline for smoking cessation in patients with schizophrenia and bipolar disorder: a randomized clinical trial. *JAMA.* 2014;311(2):145-54.
95. Fagerstrom KO. A comparison of psychological and pharmacological treatment in smoking cessation. *J Behav Med.* 1982;5(3):343-51.
96. Fagerstrom KO. Effects of nicotine chewing gum and follow-up appointments in physician-based smoking cessation. *Prev Med.* 1984;13(5):517-27.
97. Fagerstrom K, Gilljam H, Metcalfe M, Tonstad S, Messig M. Stopping smokeless tobacco with varenicline: randomised double blind placebo controlled trial. *BMJ.* 2010;341:c6549.
98. Fee WM, Stewart MJ. A controlled trial of nicotine chewing gum in a smoking withdrawal clinic. *Practitioner.* 1982;226(1363):148-51.
99. Fernandez Arias IG, Garcia-Vera MP, Sanz J. The more psychology, the better: The efficacy of smoking cessation treatment using intensive cognitive-behavioral therapy versus a combination of nicotine patches plus intensive or less intensive cognitive-behavioral therapy: First prize of the 20th "Rafael Burgaleta" Applied Psychology Awards 2013. *Clinica y Salud.* 2014;25(1):1-10.
100. Ferry LH, Robbins AS, Scariati PD, Masterson A, Abbey DE, Burchette RJ. Enhancement of smoking cessation using the antidepressant bupropion hydrochloride [abstract 2670]. *Circulation.* 1992;86(4 Suppl 1):I-671.
101. Ferry LH, Burchette RJ. Efficacy of Bupropion for Smoking Cessation in Non Depressed Smokers. *Journal of Addictive Diseases.* 1994;13(4):249-.
102. Fiore MC, Kenford SL, Jorenby DE, Wetter DW, Smith SS, Baker TB. Two studies of the clinical effectiveness of the nicotine patch with different counseling treatments. *Chest.* 1994;105(2):524-33.
103. Fiore MC, McCarthy DE, Jackson TC, Zehner ME, Jorenby DE, Mielke M, et al. Integrating smoking cessation treatment into primary care: an effectiveness study. *Prev Med.* 2004;38(4):412-20.
104. Fortmann SP, Killen JD. Nicotine Gum and Self-Help Behavioral Treatment for Smoking Relapse Prevention - Results from a Trial Using Population-Based Recruitment. *Journal of Consulting and Clinical Psychology.* 1995;63(3):460-8.
105. Fossati R, Apolone G, Negri E, Compagnoni A, La Vecchia C, Mangano S, et al. A double-blind, placebo-controlled, randomized trial of bupropion for smoking cessation in primary care. *Arch Intern Med.* 2007;167(16):1791-7.
106. Fouz-Roson N, Montemayor-Rubio T, Almadana-Pacheco V, Montserrat-Garcia S, Gomez-Bastero AP, Romero-Munoz C, et al. Effect of 0.5 mg versus 1 mg varenicline for smoking cessation: a randomized controlled trial. *Addiction.* 2017;112(9):1610-9.
107. Gallagher SM, Penn PE, Schindler E, Layne W. A comparison of smoking cessation treatments for persons with schizophrenia and other serious mental illnesses. *J Psychoactive Drugs.* 2007;39(4):487-97.
108. Gariti P, Lynch K, Alterman A, Kampman K, Xie H, Varillo K. Comparing smoking treatment programs for lighter smokers with and without a history of heavier smoking. *J Subst Abuse Treat.* 2009;37(3):247-55.
109. Garvey AJ, Kinnunen T, Nordstrom BL, Utman CH, Doherty K, Rosner B, et al. Effects of nicotine gum dose by level of nicotine dependence. *Nicotine Tob Res.* 2000;2(1):53-63.
110. George TP, Vessicchio JC, Termine A, Bregartner TA, Feingold A, Rounsaville BJ, et al. A placebo controlled trial of bupropion for smoking cessation in schizophrenia. *Biol Psychiatry.* 2002;52(1):53-61.
111. George TP, Vessicchio JC, Sacco KA, Weinberger AH, Dudas MM, Allen TM, et al. A placebo-controlled trial of bupropion combined with nicotine patch for smoking cessation in schizophrenia. *Biol Psychiatry.* 2008;63(11):1092-6.
112. Gifford EV, Kohlenberg BS, Hayes SC, Antonuccio DO, Piasecki MM, Rasmussen-Hall ML, et al. Acceptance-based treatment for smoking cessation. *Behavior Therapy.* 2004;35(4):689-705.

113. Gilbert JR, Wilson DM, Best JA, Taylor DW, Lindsay EA, Singer J, et al. Smoking cessation in primary care. A randomized controlled trial of nicotine-bearing chewing gum. *J Fam Pract.* 1989;28(1):49-55.
114. Ginsberg D, Hall SM, Rosinski M. Partner support, psychological treatment, and nicotine gum in smoking treatment: an incremental study. *Int J Addict.* 1992;27(5):503-14.
115. Glavas D, Rumboldt M, Rumboldt Z. Smoking cessation with nicotine replacement therapy among health care workers: Randomized double-blind study. *Croatian Medical Journal.* 2003;44(2):219-24.
116. Glavas D, Rumboldt Z. [Smoking cessation using the transdermal nicotine system]. *Lijec Vjesn.* 2003;125(1-2):8-12.
117. GlaxoSmithKline. Efficacy and Safety Study of Nicotine Mint Lozenge (2mg and 4mg) in Smoking Cessation. <https://ClinicalTrials.gov/show/NCT00985985>; 2009.
118. Glover ED, Glover PN, Franzon M, Sullivan CR, Cerullo CC, Howell RM, et al. A comparison of a nicotine sublingual tablet and placebo for smoking cessation. *Nicotine Tob Res.* 2002;4(4):441-50.
119. Goldstein MG, Niaura R, Follick MJ, Abrams DB. Effects of behavioral skills training and schedule of nicotine gum administration on smoking cessation. *Am J Psychiatry.* 1989;146(1):56-60.
120. Gonzales DH, Nides MA, Ferry LH, Kustra RP, Jamerson BD, Segall N, et al. Bupropion SR as an aid to smoking cessation in smokers treated previously with bupropion: a randomized placebo-controlled study. *Clin Pharmacol Ther.* 2001;69(6):438-44.
121. Gonzales D, Rennard SI, Nides M, Oncken C, Azoulay S, Billing CB, et al. Varenicline, an alpha4beta2 nicotinic acetylcholine receptor partial agonist, vs sustained-release bupropion and placebo for smoking cessation: a randomized controlled trial. *JAMA.* 2006;296(1):47-55.
122. Gonzales D, Hajek P, Pliamm L, Nackaerts K, Tseng LJ, McRae TD, et al. Retreatment with varenicline for smoking cessation in smokers who have previously taken varenicline: a randomized, placebo-controlled trial. *Clin Pharmacol Ther.* 2014;96(3):390-6.
123. Gorecka D, Bednarek M, Nowinski A, Puscinska E, Goljan-Geremek A, Zielinski J. [Effect of treatment for nicotine dependence in patients with COPD]. *Pneumonol Alergol Pol.* 2003;71(9-10):411-7.
124. Gourlay SG, Forbes A, Marriner T, Pethica D, McNeil JJ. Double blind trial of repeated treatment with transdermal nicotine for relapsed smokers. *BMJ.* 1995;311(7001):363-6.
125. Graham AL, Papandonatos GD, Cha S, Erar B, Amato MS, Cobb NK, et al. Improving Adherence to Smoking Cessation Treatment: Intervention Effects in a Web-Based Randomized Trial. *Nicotine Tob Res.* 2017;19(3):324-32.
126. Grant KM, Kelley SS, Smith LM, Agrawal S, Meyer JR, Romberger DJ. Bupropion and nicotine patch as smoking cessation aids in alcoholics. *Alcohol.* 2007;41(5):381-91.
127. Gross J, Johnson J, Sigler L, Stitzer ML. Dose effects of nicotine gum. *Addict Behav.* 1995;20(3):371-81.
128. Haas JS, Linder JA, Park ER, Gonzalez I, Rigotti NA, Klinger EV, et al. Proactive tobacco cessation outreach to smokers of low socioeconomic status: a randomized clinical trial. *JAMA Intern Med.* 2015;175(2):218-26.
129. Haggstram FM, Chatkin JM, Sussenbach-Vaz E, Cesari DH, Fam CF, Fritscher CC. A controlled trial of nortriptyline, sustained-release bupropion and placebo for smoking cessation: preliminary results. *Pulm Pharmacol Ther.* 2006;19(3):205-9.
130. Hajek P, Phillips-Waller A, Przulj D, Pesola F, Myers Smith K, Bisal N, et al. A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy. *N Engl J Med.* 2019;380(7):629-37.
131. Hall SM, Tunstall C, Rugg D, Jones RT, Benowitz N. Nicotine gum and behavioral treatment in smoking cessation. *J Consult Clin Psychol.* 1985;53(2):256-8.
132. Hall SM, Tunstall CD, Ginsberg D, Benowitz NL, Jones RT. Nicotine gum and behavioral treatment: a placebo controlled trial. *J Consult Clin Psychol.* 1987;55(4):603-5.
133. Hall SM, Munoz RF, Reus VI, Sees KL, Duncan C, Humfleet GL, et al. Mood management and nicotine gum in smoking treatment: a therapeutic contact and placebo-controlled study. *J Consult Clin Psychol.* 1996;64(5):1003-9.
134. Hall SM, Humfleet GL, Reus VI, Munoz RF, Hartz DT, Maude-Griffin R. Psychological intervention and antidepressant treatment in smoking cessation. *Arch Gen Psychiatry.* 2002;59(10):930-6.
135. Hall SM, Tsoh JY, Prochaska JJ, Eisendrath S, Rossi JS, Redding CA, et al. Treatment for cigarette smoking among depressed mental health outpatients: a randomized clinical trial. *Am J Public Health.* 2006;96(10):1808-14.
136. Hall SM, Humfleet GL, Munoz RF, Reus VI, Robbins JA, Prochaska JJ. Extended treatment of older cigarette smokers. *Addiction.* 2009;104(6):1043-52.
137. Hall SM, Humfleet GL, Munoz RF, Reus VI, Prochaska JJ, Robbins JA. Using extended cognitive behavioral treatment and medication to treat dependent smokers. *Am J Public Health.* 2011;101(12):2349-56.

138. Halpern SD, Harhay MO, Saulsgiver K, Brophy C, Troxel AB, Volpp KG. A Pragmatic Trial of E-Cigarettes, Incentives, and Drugs for Smoking Cessation. *N Engl J Med.* 2018;378(24):2302-10.
139. Hand S, Edwards S, Campbell IA, Cannings R. Controlled trial of three weeks nicotine replacement treatment in hospital patients also given advice and support. *Thorax.* 2002;57(8):715-8.
140. Hanioka T, Ojima M, Tanaka H, Naito M, Hamajima N, Matsuse R. Intensive smoking-cessation intervention in the dental setting. *J Dent Res.* 2010;89(1):66-70.
141. Harackiewicz JM, Blair LW, Sansone C, Epstein JA, Stuchell RN. Nicotine gum and self-help manuals in smoking cessation: an evaluation in a medical context. *Addict Behav.* 1988;13(4):319-30.
142. Hatsukami D, Jensen J, Allen S, Grillo M, Bliss R. Effects of behavioral and pharmacological treatment on smokeless tobacco users. *J Consult Clin Psychol.* 1996;64(1):153-61.
143. Hatsukami DK, Grillo M, Boyle R, Allen S, Jensen J, Bliss R, et al. Treatment of spit tobacco users with transdermal nicotine system and mint snuff. *J Consult Clin Psychol.* 2000;68(2):241-9.
144. Hatsukami DK, Rennard S, Patel MK, Kotlyar M, Malcolm R, Nides MA, et al. Effects of sustained-release bupropion among persons interested in reducing but not quitting smoking. *Am J Med.* 2004;116(3):151-7.
145. Hays JT, Croghan IT, Schroeder DR, Offord KP, Hurt RD, Wolter TD, et al. Over-the-counter nicotine patch therapy for smoking cessation: results from randomized, double-blind, placebo-controlled, and open label trials. *Am J Public Health.* 1999;89(11):1701-7.
146. Hays JT, Hurt RD, Rigotti NA, Niaura R, Gonzales D, Durcan MJ, et al. Sustained-release bupropion for pharmacologic relapse prevention after smoking cessation. a randomized, controlled trial. *Ann Intern Med.* 2001;135(6):423-33.
147. Hays JT, Hurt RD, Decker PA, Croghan IT, Offord KP, Patten CA. A randomized, controlled trial of bupropion sustained-release for preventing tobacco relapse in recovering alcoholics. *Nicotine Tob Res.* 2009;11(7):859-67.
148. Herrera N, Franco R, Herrera L, Partidas A, Rolando R, Fagerstrom KO. Nicotine gum, 2 and 4 mg, for nicotine dependence. A double-blind placebo-controlled trial within a behavior modification support program. *Chest.* 1995;108(2):447-51.
149. Hertzberg MA, Moore SD, Feldman ME, Beckham JC. A preliminary study of bupropion sustained-release for smoking cessation in patients with chronic posttraumatic stress disorder. *J Clin Psychopharmacol.* 2001;21(1):94-8.
150. Heydari G, Talischi F, Tafti SF, Masjedi MR. Quitting smoking with varenicline: parallel, randomised efficacy trial in Iran. *Int J Tuberc Lung Dis.* 2012;16(2):268-72.
151. Heydari G, Talischi F, Batmanghelidj E, Pajooh M, Boroomand A, Zamani M, et al. Dual addictions, parallel treatments: Nicotine replacement therapy for patients receiving methadone treatment in the Islamic Republic of Iran 2013. Available from: <http://onlinelibrary.wiley.com/doi/10.1002/1471-2875.12288>
152. Hilberink SR, Jacobs JE, Breteler MH, de Vries H, Grol RP. General practice counseling for patients with chronic obstructive pulmonary disease to quit smoking: impact after 1 year of two complex interventions. *Patient Educ Couns.* 2011;83(1):120-4.
153. Hilleman DE, Mohiuddin SM, Delcore MG. Comparison of fixed-dose transdermal nicotine, tapered-dose transdermal nicotine, and buspirone in smoking cessation. *J Clin Pharmacol.* 1994;34(3):222-4.
154. Hjalmarson AI. Effect of nicotine chewing gum in smoking cessation. A randomized, placebo-controlled, double-blind study. *JAMA.* 1984;252(20):2835-8.
155. Hjalmarson A, Franzon M, Westin A, Wiklund O. Effect of nicotine nasal spray on smoking cessation. A randomized, placebo-controlled, double-blind study. *Arch Intern Med.* 1994;154(22):2567-72.
156. Hjalmarson A, Nilsson F, Sjoström L, Wiklund O. The nicotine inhaler in smoking cessation. *Arch Intern Med.* 1997;157(15):1721-8.
157. Hollis JF, McAfee TA, Fellows JL, Zbikowski SM, Stark M, Riedlinger K. The effectiveness and cost effectiveness of telephone counselling and the nicotine patch in a state tobacco quitline. *Tob Control.* 2007;16 Suppl 1(SUPPL. 1):i53-9.
158. Holt S, Timu-Parata C, Ryder-Lewis S, Weatherall M, Beasley R. Efficacy of bupropion in the indigenous Maori population in New Zealand. *Thorax.* 2005;60(2):120-3.
159. Dale Horst W, Klein MW, Williams D, Werder SF. Extended use of nicotine replacement therapy to maintain smoking cessation in persons with schizophrenia. *Neuropsychiatr Dis Treat.* 2005;1(4):349-55.
160. Howard-Pitney B, Killen JD, Fortmann SP. Quitting chew: results from a randomized trial using nicotine patches. *Exp Clin Psychopharmacol.* 1999;7(4):362-71.

161. Huber D. Combined and separate treatment effects of nicotine chewing gum and self-control method. *Pharmacopsychiatry*. 1988;21(6):461-2.
162. Hughes JR, Gust SW, Keenan RM, Fenwick JW, Healey ML. Nicotine vs placebo gum in general medical practice. *JAMA*. 1989;261(9):1300-5.
163. Hughes JR, Gust SW, Keenan RM, Fenwick JW. Effect of Dose on Nicotines Reinforcing, Withdrawal-Suppression and Self-Reported Effects. *Journal of Pharmacology and Experimental Therapeutics*. 1990;252(3):1175-83.
164. Hughes JR, Lesmes GR, Hatsukami DK, Richmond RL, Lichtenstein E, Jorenby DE, et al. Are higher doses of nicotine replacement more effective for smoking cessation? *Nicotine Tob Res*. 1999;1(2):169-74.
165. Hughes JR, Novy P, Hatsukami DK, Jensen J, Callas PW. Efficacy of nicotine patch in smokers with a history of alcoholism. *Alcohol Clin Exp Res*. 2003;27(6):946-54.
166. Hughes JR, Solomon LJ, Livingston AE, Callas PW, Peters EN. A randomized, controlled trial of NRT-aided gradual vs. abrupt cessation in smokers actively trying to quit. *Drug Alcohol Depend*. 2010;111(1-2):105-13.
167. Hughes JR, Rennard SI, Fingar JR, Talbot SK, Callas PW, Fagerstrom KO. Efficacy of varenicline to prompt quit attempts in smokers not currently trying to quit: a randomized placebo-controlled trial. *Nicotine Tob Res*. 2011;13(10):955-64.
168. Hurt RD, Lauger GG, Offord KP, Kottke TE, Dale LC. Nicotine-Replacement Therapy with Use of a Transdermal Nicotine Patch - a Randomized Double-Blind Placebo-Controlled Trial. *Mayo Clinic Proceedings*. 1990;65(12):1529-37.
169. Hurt RD, Dale LC, Fredrickson PA, Caldwell CC, Lee GA, Offord KP, et al. Nicotine patch therapy for smoking cessation combined with physician advice and nurse follow-up. One-year outcome and percentage of nicotine replacement. *JAMA*. 1994;271(8):595-600.
170. Hurt RD, Sachs DP, Glover ED, Offord KP, Johnston JA, Dale LC, et al. A comparison of sustained-release bupropion and placebo for smoking cessation. *N Engl J Med*. 1997;337(17):1195-202.
171. Hurt RD, Krook JE, Croghan IT, Loprinzi CL, Sloan JA, Novotny PJ, et al. Nicotine patch therapy based on smoking rate followed by bupropion for prevention of relapse to smoking. *J Clin Oncol*. 2003;21(5):914-20.
172. Hurt RT, Ebbert JO, Croghan IT, Schroeder DR, Hurt RD, Hays JT. Varenicline for tobacco-dependence treatment in alcohol-dependent smokers: A randomized controlled trial. *Drug Alcohol Depend*. 2018;184:12-7.
173. Randomised trial of nicotine patches in general practice: results at one year. Imperial Cancer Research Fund General Practice Research Group. *BMJ*. 1994;308(6942):1476-7.
174. Ikonomidis I, Marinou M, Vlastos D, Kourea K, Andreadou I, Liarakos N, et al. Effects of varenicline and nicotine replacement therapy on arterial elasticity, endothelial glycocalyx and oxidative stress during a 3-month smoking cessation program. *Atherosclerosis*. 2017;262:123-30.
175. Jamrozik K, Fowler G, Vessey M, Wald N. Placebo controlled trial of nicotine chewing gum in general practice. *Br Med J (Clin Res Ed)*. 1984;289(6448):794-7.
176. Jarvis MJ, Raw M, Russell MAH, Feyerabend C. Randomized Controlled Trial of Nicotine Chewing-Gum. *British Medical Journal*. 1982;285(6341):537-40.
177. Jensen EJ, Schmidt E, Pedersen B, Dahl R. The effect of nicotine, silver acetate, and placebo chewing gum on the cessation of smoking. The influence of smoking type and nicotine dependence. *Int J Addict*. 1991;26(11):1223-31.
178. Johns DA. Randomised controlled trial comparing nicotine replacement therapy (NRT) plus brief counselling and brief counselling alone on smoking cessation in patients prone to lung cancer using a breath carbon monoxide (CO) monitor. *Annals of Oncology*. 2016;27:ix177.
179. Johns D. Randomised controlled trial comparing nicotine replacement therapy (nrt) and counselling on smoking cessation in patients prone to lung cancer using bed font micro-smokerlyzer. *Support Care Cancer*. 2017;25 (2 Supplement 1):21-266.
180. Johns D. Randomised controlled trial comparing varenicline plus counselling and brief counselling alone on smoking cessation in patients prone to lung cancer using carbon monoxide monitor. *Support Care Cancer*. 2017;25 (2 Supplement 1):21-266.
181. Jorenby DE, Smith SS, Fiore MC, Hurt RD, Offord KP, Croghan IT, et al. Varying nicotine patch dose and type of smoking cessation counseling. *JAMA*. 1995;274(17):1347-52.
182. Jorenby DE, Leischow SJ, Nides MA, Rennard SI, Johnston JA, Hughes AR, et al. A controlled trial of sustained-release bupropion, a nicotine patch, or both for smoking cessation. *N Engl J Med*. 1999;340(9):685-91.

183. Jorenby DE, Hays JT, Rigotti NA, Azoulay S, Watsky EJ, Williams KE, et al. Efficacy of varenicline, an alpha4beta2 nicotinic acetylcholine receptor partial agonist, vs placebo or sustained-release bupropion for smoking cessation: a randomized controlled trial. *JAMA*. 2006;296(1):56-63.
184. Joseph AM, Norman SM, Ferry LH, Prochazka AV, Westman EC, Steele BG, et al. The safety of transdermal nicotine as an aid to smoking cessation in patients with cardiac disease. *N Engl J Med*. 1996;335(24):1792-8.
185. Joseph AM, Willenbring ML, Nugent SM, Nelson DB. A randomized trial of concurrent versus delayed smoking intervention for patients in alcohol dependence treatment. *J Stud Alcohol*. 2004;65(6):681-91.
186. Joseph AM, Fu SS, Lindgren B, Rothman AJ, Kodl M, Lando H, et al. Chronic disease management for tobacco dependence: a randomized, controlled trial. *Arch Intern Med*. 2011;171(21):1894-900.
187. Joyce GF, Niaura R, Maglione M, Mongoven J, Larson-Rotter C, Coan J, et al. The effectiveness of covering smoking cessation services for medicare beneficiaries. *Health Serv Res*. 2008;43(6):2106-23.
188. Kalman D, Kahler CW, Garvey AJ, Monti PM. High-dose nicotine patch therapy for smokers with a history of alcohol dependence: 36-week outcomes. *J Subst Abuse Treat*. 2006;30(3):213-7.
189. Kalman D, Herz L, Monti P, Kahler CW, Mooney M, Rodrigues S, et al. Incremental efficacy of adding bupropion to the nicotine patch for smoking cessation in smokers with a recent history of alcohol dependence: results from a randomized, double-blind, placebo-controlled study. *Drug Alcohol Depend*. 2011;118(2-3):111-8.
190. Killen JD, Maccoby N, Taylor CB. Nicotine Gum and Self-Regulation Training in Smoking Relapse Prevention. *Behavior Therapy*. 1984;15(3):234-48.
191. Killen JD, Fortmann SP, Newman B, Varady A. Evaluation of a treatment approach combining nicotine gum with self-guided behavioral treatments for smoking relapse prevention. *J Consult Clin Psychol*. 1990;58(1):85-92.
192. Killen JD, Fortmann SP, Davis L, Varady A. Nicotine patch and self-help video for cigarette smoking cessation. *J Consult Clin Psychol*. 1997;65(4):663-72.
193. Killen JD, Fortmann SP, Davis L, Strausberg L, Varady A. Do heavy smokers benefit from higher dose nicotine patch therapy? *Experimental and Clinical Psychopharmacology*. 1999;7(3):226-33.
194. Killen JD, Fortmann SP, Murphy GM, Jr., Hayward C, Arredondo C, Crompton D, et al. Extended treatment with bupropion SR for cigarette smoking cessation. *J Consult Clin Psychol*. 2006;74(2):286-94.
195. Klesges RC, Ebbert JO, Talcott GW, Thomas F, Richey PA, Womack C, et al. Efficacy of a Tobacco Quitline in Active Duty Military and TRICARE Beneficiaries: A Randomized Trial. *Mil Med*. 2015;180(8):917-25.
196. Koegelenberg CF, Noor F, Bateman ED, van Zyl-Smit RN, Bruning A, O'Brien JA, et al. Efficacy of varenicline combined with nicotine replacement therapy vs varenicline alone for smoking cessation: a randomized clinical trial. *JAMA*. 2014;312(2):155-61.
197. Kornitzer M, Kittel F, Dramaix M, Bourdoux P. A Double-Blind-Study of 2 Mg Versus 4 Mg Nicotine-Gum in an Industrial-Setting. *Journal of Psychosomatic Research*. 1987;31(2):171-6.
198. Kornitzer M, Boutsen M, Dramaix M, Thijs J, Gustavsson G. Combined use of nicotine patch and gum in smoking cessation: a placebo-controlled clinical trial. *Prev Med*. 1995;24(1):41-7.
199. Kralikova E, Kozak J, Rasmussen T, Cort N. The clinical benefits of NRT-supported smoking reduction. *Nicotine Tob Res*. 2002;4(243):20.
200. Krupski L, Cummings KM, Hyland A, Mahoney MC, Toll BA, Carpenter MJ, et al. Cost and Effectiveness of Combination Nicotine Replacement Therapy Among Heavy Smokers Contacting a Quitline. *Journal of Smoking Cessation*. 2016;11(1):50-9.
201. Lee SM, Landry J, Jones PM, Buhrmann O, Morley-Forster P. The effectiveness of a perioperative smoking cessation program: a randomized clinical trial. *Anesth Analg*. 2013;117(3):605-13.
202. Lee SM, Tenney R, Wallace AW, Arjomandi M. E-cigarettes versus nicotine patches for perioperative smoking cessation: a pilot randomized trial. *PeerJ*. 2018;6:e5609.
203. Leischow SJ, Nilsson F, Franzon M, Hill A, Otte P, Merikle EP. Efficacy of the nicotine inhaler as an adjunct to smoking cessation. *American Journal of Health Behavior*. 1996;20(5):364-71.
204. Leischow SJ, Muramoto ML, Cook GN, Merikle EP, Castellini SM, Otte PS. OTC nicotine patch: Effectiveness alone and with brief physician intervention. *American Journal of Health Behavior*. 1999;23(1):61-9.
205. Leischow SJ, Ranger-Moore J, Muramoto ML, Matthews E. Effectiveness of the nicotine inhaler for smoking cessation in an OTC setting. *Am J Health Behav*. 2004;28(4):291-301.
206. Lerman C, Kaufmann V, Rukstalis M, Patterson F, Perkins K, Audrain-McGovern J, et al. Individualizing nicotine replacement therapy for the treatment of tobacco dependence: a randomized trial. *Ann Intern Med*. 2004;140(6):426-33.

207. Lerman C, Schnoll RA, Hawk LW, Jr., Cinciripini P, George TP, Wileyto EP, et al. Use of the nicotine metabolite ratio as a genetically informed biomarker of response to nicotine patch or varenicline for smoking cessation: a randomised, double-blind placebo-controlled trial. *Lancet Respir Med*. 2015;3(2):131-8.
208. Levine MD, Perkins KA, Kalarchian MA, Cheng Y, Houck PR, Slane JD, et al. Bupropion and cognitive behavioral therapy for weight-concerned women smokers. *Arch Intern Med*. 2010;170(6):543-50.
209. Lewis SF, Piasecki TM, Fiore MC, Anderson JE, Baker TB. Transdermal nicotine replacement for hospitalized patients: a randomized clinical trial. *Prev Med*. 1998;27(2):296-303.
210. Littlewood RA, Claus ED, Wilcox CE, Mickey J, Arenella PB, Bryan AD, et al. Moderators of smoking cessation outcomes in a randomized-controlled trial of varenicline versus placebo. *Psychopharmacology (Berl)*. 2017;234(23-24):3417-29.
211. Llivina TS, Tuya DM, Quintana JG, Torres CI, Barrera EC, Saez CM, et al. Smoking Cessation - Effectiveness of Nicotine Containing Chewing Gum - a Double-Blind Trial. *Medicina Clinica*. 1988;90(16):646-50.
212. Lloyd-Richardson EE, Stanton CA, Papandonatos GD, Shadel WG, Stein M, Tashima K, et al. Motivation and patch treatment for HIV+ smokers: a randomized controlled trial. *Addiction*. 2009;104(11):1891-900.
213. Malcolm RE, Sillett RW, Turner JA, Ball KP. The use of nicotine chewing gum as an aid to stopping smoking. *Psychopharmacology (Berl)*. 1980;70(3):295-6.
214. Martin JE, Calfas KJ, Patten CA, Polarek M, Hofstetter CR, Noto J, et al. Prospective evaluation of three smoking interventions in 205 recovering alcoholics: one-year results of Project SCRAP-Tobacco. *J Consult Clin Psychol*. 1997;65(1):190-4.
215. McAfee TA, Bush T, Deprey TM, Mahoney LD, Zbikowski SM, Fellows JL, et al. Nicotine patches and uninsured quitline callers: a randomized trial of two versus eight weeks (Provisional abstract)2008; 35(2):[103-10 pp.]. Available from: <http://onlinelibrary.wiley.com/o/cochrane/cleed/articles/NHSEED-22008101391/frame.html>.
216. McCarthy DE, Piasecki TM, Lawrence DL, Jorenby DE, Shiffman S, Fiore MC, et al. A randomized controlled clinical trial of bupropion SR and individual smoking cessation counseling. *Nicotine Tob Res*. 2008;10(4):717-29.
217. MCGovern PG, Lando HA. An Assessment of Nicotine Gum as an Adjunct to Freedom from Smoking Cessation Clinics. *Addictive Behaviors*. 1992;17(2):137-47.
218. Mercie P, Arsandaux J, Katlama C, Ferret S, Beuscart A, Spadone C, et al. Efficacy and safety of varenicline for smoking cessation in people living with HIV in France (ANRS 144 Inter-ACTIV): a randomised controlled phase 3 clinical trial. *Lancet HIV*. 2018;5(3):E126-E35.
219. Molyneux A, Lewis S, Leivers U, Anderton A, Antoniak M, Brackenridge A, et al. Clinical trial comparing nicotine replacement therapy (NRT) plus brief counselling, brief counselling alone, and minimal intervention on smoking cessation in hospital inpatients. *Thorax*. 2003;58(6):484-8.
220. Mori T STYGNMHT. A clinical trial of nicotine chewing gum for smoking cessation [abstract 428]. 1992.
221. Myles PS, Leslie K, Angliss M, Mezzavia P, Lee L. Effectiveness of bupropion as an aid to stopping smoking before elective surgery: a randomised controlled trial. *Anaesthesia*. 2004;59(11):1053-8.
222. Myung SK, Seo HG, Park S, Kim Y, Kim DJ, Lee DH, et al. Sociodemographic and smoking behavioral predictors associated with smoking cessation according to follow-up periods: a randomized, double-blind, placebo-controlled trial of transdermal nicotine patches. *J Korean Med Sci*. 2007;22(6):1065-70.
223. Nahvi S, Ning Y, Segal KS, Richter KP, Arnsten JH. Varenicline efficacy and safety among methadone maintained smokers: a randomized placebo-controlled trial. *Addiction*. 2014;109(9):1554-63.
224. Nakamura M, J. S, A. O, M. M, A. M, S. E. Effect of nicotine chewing gun in smoking cessation classes. *The Global War*. 1990:665-7.
225. Nakamura M, Oshima A, Fujimoto Y, Maruyama N, Ishibashi T, Reeves KR. Efficacy and tolerability of varenicline, an alpha4beta2 nicotinic acetylcholine receptor partial agonist, in a 12-week, randomized, placebo-controlled, dose-response study with 40-week follow-up for smoking cessation in Japanese smokers. *Clin Ther*. 2007;29(6):1040-56.
226. Fox Chase Cancer Center, National Cancer Institute. Counseling and Nicotine Replacement Therapy in Helping Adult Smokers Quit Smoking. <https://ClinicalTrials.gov/show/NCT00365508>; 2006.
227. Pfizer. Long-term Varenicline Treatment for Smoking Cessation. University of Wisconsin, Madison: <https://ClinicalTrials.gov/show/NCT00828113>; 2009.
228. Nebot M, Cabezas C. Does nurse counseling or offer of nicotine gum improve the effectiveness of physician smoking-cessation advice? *Fam Pract Res J*. 1992;12(3):263-70.
229. Niaura R, Goldstein MG, Abrams DB. Matching high- and low-dependence smokers to self-help treatment with or without nicotine replacement. *Prev Med*. 1994;23(1):70-7.

230. Niaura R, Abrams DB, Shadel WG, Rohsenow DJ, Monti PM, Sirota AD. Cue exposure treatment for smoking relapse prevention: a controlled clinical trial. *Addiction*. 1999;94(5):685-95.
231. Niaura R, Hays JT, Jorenby DE, Leone FT, Pappas JE, Reeves KR, et al. The efficacy and safety of varenicline for smoking cessation using a flexible dosing strategy in adult smokers: a randomized controlled trial. *Curr Med Res Opin*. 2008;24(7):1931-41.
232. Nides M, Oncken C, Gonzales D, Rennard S, Watsky EJ, Anziano R, et al. Smoking cessation with varenicline, a selective alpha4beta2 nicotinic receptor partial agonist: results from a 7-week, randomized, placebo- and bupropion-controlled trial with 1-year follow-up. *Arch Intern Med*. 2006;166(15):1561-8.
233. Nides M, Danielsson T, Saunders F, Perfekt R, Kapikian R, Solla J, et al. Efficacy and safety of a nicotine mouth spray for smoking cessation; a randomized, multicenter, controlled study in a naturalistic setting. *Nicotine Tob Res*. 2018;18:18.
234. Ockene JK, Kristeller J, Goldberg R, Amick TL, Pekow PS, Hosmer D, et al. Increasing the efficacy of physician-delivered smoking interventions: a randomized clinical trial. *J Gen Intern Med*. 1991;6(1):1-8.
235. Okuyemi KS, James AS, Mayo MS, Nollen N, Catley D, Choi WS, et al. Pathways to health: a cluster randomized trial of nicotine gum and motivational interviewing for smoking cessation in low-income housing. *Health Educ Behav*. 2007;34(1):43-54.
236. Oncken C, Gonzales D, Nides M, Rennard S, Watsky E, Billing CB, et al. Efficacy and safety of the novel selective nicotinic acetylcholine receptor partial agonist, varenicline, for smoking cessation. *Arch Intern Med*. 2006;166(15):1571-7.
237. Oncken C, Cooney J, Feinn R, Lando H, Kranzler HR. Transdermal nicotine for smoking cessation in postmenopausal women. *Addict Behav*. 2007;32(2):296-309.
238. Ortega F, Vellisco A, Marquez E, Lopez-Campos JL, Rodriguez A, de los Angeles Sanchez M, et al. Effectiveness of a cognitive orientation program with and without nicotine replacement therapy in stopping smoking in hospitalised patients. *Arch Bronconeumol*. 2011;47(1):3-9.
239. Pack QR, Jorenby DE, Fiore MC, Jackson T, Weston P, Piper ME, et al. A comparison of the nicotine lozenge and nicotine gum: an effectiveness randomized controlled trial. *WMJ*. 2008;107(5):237-43.
240. Page AR, Walters DJ, Schlegel RP, Best JA. Smoking cessation in family practice: the effects of advice and nicotine chewing gum prescription. *Addict Behav*. 1986;11(4):443-6.
241. Paoletti P, Fornai E, Maggiorelli F, Puntoni R, Viegi G, Carrozzi L, et al. Importance of baseline cotinine plasma values in smoking cessation: results from a double-blind study with nicotine patch. *Eur Respir J*. 1996;9(4):643-51.
242. Perng RP, Hsieh WC, Chen YM, Lu CC, Chiang SJ. Randomized, double-blind, placebo-controlled study of transdermal nicotine patch for smoking cessation. *J Formos Med Assoc*. 1998;97(8):547-51.
243. Piper ME, Federman EB, McCarthy DE, Bolt DM, Smith SS, Fiore MC, et al. Efficacy of bupropion alone and in combination with nicotine gum. *Nicotine Tob Res*. 2007;9(9):947-54.
244. Piper ME, Smith SS, Schlam TR, Fiore MC, Jorenby DE, Fraser D, et al. A randomized placebo-controlled clinical trial of 5 smoking cessation pharmacotherapies. *Arch Gen Psychiatry*. 2009;66(11):1253-62.
245. Piper ME, Cook JW, Schlam TR, Jorenby DE, Smith SS, Collins LM, et al. A Randomized Controlled Trial of an Optimized Smoking Treatment Delivered in Primary Care. *Ann Behav Med*. 2018;52(10):854-64.
246. Pirie PL, McBride CM, Hellerstedt W, Jeffery RW, Hatsukami D, Allen S, et al. Smoking cessation in women concerned about weight. *Am J Public Health*. 1992;82(9):1238-43.
247. Planer D, Lev I, Elitzur Y, Sharon N, Ouzan E, Pugatsch T, et al. Bupropion for smoking cessation in patients with acute coronary syndrome. *Arch Intern Med*. 2011;171(12):1055-60.
248. Prapavessis H, Cameron L, Baldi JC, Robinson S, Borrie K, Harper T, et al. The effects of exercise and nicotine replacement therapy on smoking rates in women. *Addict Behav*. 2007;32(7):1416-32.
249. Puska P, Bjorkqvist S, Koskela K. Nicotine-containing chewing gum in smoking cessation: a double blind trial with half year follow-up. *Addict Behav*. 1979;4(2):141-6.
250. Puska P, Korhonen HJ, Vartiainen E, Urjanheimo EL, Gustavsson G, Westin A. Combined use of nicotine patch and gum compared with gum alone in smoking cessation - a clinical trial in North Karelia. *Tobacco Control*. 1995;4(3):231-5.
251. Quilez Garcia C, Hernando Arizaleta L, Rubio Diaz A, Granero Fernandez EJ, Vila Coll MA, Estruch Riba J. [Double-blind study of the efficacy of nicotine chewing gum for smoking cessation in the primary care setting]. *Aten Primaria*. 1989;6(10):719-26.
252. Ramon JM, Morchon S, Baena A, Masuet-Aumatell C. Combining varenicline and nicotine patches: a randomized controlled trial study in smoking cessation. *BMC Med*. 2014;12(172):172.

253. Ratner PA, Johnson JL, Richardson CG, Bottorff JL, Moffat B, Mackay M, et al. Efficacy of a smoking-cessation intervention for elective-surgical patients. *Res Nurs Health*. 2004;27(3):148-61.
254. Reid R, Pipe A, Higginson L, Johnson K, D'Angelo MS, Cooke D, et al. Stepped care approach to smoking cessation in patients hospitalized for coronary artery disease. *J Cardiopulm Rehabil*. 2003;23(3):176-82.
255. Reid MS, Fallon B, Sonne S, Flammino F, Nunes EV, Jiang H, et al. Smoking cessation treatment in community-based substance abuse rehabilitation programs. *J Subst Abuse Treat*. 2008;35(1):68-77.
256. Rennard SI, Glover ED, Leischow S, Daughton DM, Glover PN, Muramoto M, et al. Efficacy of the nicotine inhaler in smoking reduction: A double-blind, randomized trial. *Nicotine Tob Res*. 2006;8(4):555-64.
257. Rennard S, Hughes J, Cinciripini PM, Kralikova E, Raupach T, Arteaga C, et al. A randomized placebo-controlled trial of varenicline for smoking cessation allowing flexible quit dates. *Nicotine Tob Res*. 2012;14(3):343-50.
258. Richmond RL, Makinson RJ, Kehoe LA, Giugni AA, Webster IW. One-year evaluation of three smoking cessation interventions administered by general practitioners. *Addict Behav*. 1993;18(2):187-99.
259. Richmond RL, Harris K, Dealmeidaneto A. The Transdermal Nicotine Patch - Results of a Randomized Placebo-Controlled Trial. *Medical Journal of Australia*. 1994;161(2):130-&.
260. Rigotti NA, Thorndike AN, Regan S, McKool K, Pasternak RC, Chang Y, et al. Bupropion for smokers hospitalized with acute cardiovascular disease. *Am J Med*. 2006;119(12):1080-7.
261. Rigotti NA, Pipe AL, Benowitz NL, Arteaga C, Garza D, Tonstad S. Efficacy and safety of varenicline for smoking cessation in patients with cardiovascular disease: a randomized trial. *Circulation*. 2010;121(2):221-9.
262. Rodriguez-Artalejo F, Lafuente Urdinguio P, Guallar-Castillon P, Garteizurrekoa Dublang P, Sainz Martinez O, Diez Azcarate JI, et al. One year effectiveness of an individualised smoking cessation intervention at the workplace: a randomised controlled trial. *Occup Environ Med*. 2003;60(5):358-63.
263. Rohsenow DJ, Tidey JW, Martin RA, Colby SM, Swift RM, Leggio L, et al. Varenicline versus nicotine patch with brief advice for smokers with substance use disorders with or without depression: effects on smoking, substance use and depressive symptoms. *Addiction*. 2017;112(10):1808-20.
264. Rose JE, Behm FM. Adapting smoking cessation treatment according to initial response to precessation nicotine patch. *Am J Psychiatry*. 2013;170(8):860-7.
265. Roto P OASKJKPR. Nicotine gum and withdrawal from smoking. *Suomen Laakarlehti*. 1987;36:3445-8.
266. Rovina N, Nikoloutsou I, Katsani G, Dima E, Fransis K, Roussos C, et al. Effectiveness of pharmacotherapy and behavioral interventions for smoking cessation in actual clinical practice. *Ther Adv Respir Dis*. 2009;3(6):279-87.
267. Russell MAH, Merriman R, Stapleton J, Taylor W. Effect of Nicotine Chewing Gum as an Adjunct to General-Practitioners Advice against Smoking. *British Medical Journal*. 1983;287(6407):1782-5.
268. Sachs DPL, Sawe U, Leischow SJ. Effectiveness of a 16-Hour Transdermal Nicotine Patch in a Medical-Practice Setting, without Intensive Group-Counseling. *Archives of Internal Medicine*. 1993;153(16):1881-90.
269. Sadr Azodi O, Lindstrom D, Adami J, Tonnesen H, Nasell H, Gilljam H, et al. The efficacy of a smoking cessation programme in patients undergoing elective surgery: a randomised clinical trial. *Anaesthesia*. 2009;64(3):259-65.
270. Schauffler HH, McMenamin S, Olson K, Boyce-Smith G, Rideout JA, Kamil J. Variations in treatment benefits influence smoking cessation: results of a randomised controlled trial. *Tob Control*. 2001;10(2):175-80.
271. Schiller KR, Luo X, Anderson AJ, Jensen JA, Allen SS, Hatsukami DK. Comparing an immediate cessation versus reduction approach to smokeless tobacco cessation. *Nicotine Tob Res*. 2012;14(8):902-9.
272. Schmitz JM, Stotts AL, Mooney ME, Delaune KA, Moeller GF. Bupropion and cognitive-behavioral therapy for smoking cessation in women. *Nicotine Tob Res*. 2007;9(6):699-709.
273. Schneider NG, Jarvik ME, Forsythe AB, Read LL, Elliott ML, Schweiger A. Nicotine gum in smoking cessation: a placebo-controlled, double-blind trial. *Addict Behav*. 1983;8(3):253-61.
274. Schneider NG, Olmstead R, Mody FV, Doan K, Franzon M, Jarvik ME, et al. Efficacy of a nicotine nasal spray in smoking cessation: a placebo-controlled, double-blind trial. *Addiction*. 1995;90(12):1671-82.
275. Schneider NG, Olmstead R, Nilsson F, Mody FV, Franzon M, Doan K. Efficacy of a nicotine inhaler in smoking cessation: a double-blind, placebo-controlled trial. *Addiction*. 1996;91(9):1293-306.
276. Schnoll RA, Martinez E, Tatum KL, Weber DM, Kuzla N, Glass M, et al. A bupropion smoking cessation clinical trial for cancer patients. *Cancer Causes Control*. 2010;21(6):811-20.
277. Schnoll RA, Patterson F, Wileyto EP, Heitjan DF, Shields AE, Asch DA, et al. Effectiveness of extended-duration transdermal nicotine therapy: a randomized trial. *Ann Intern Med*. 2010;152(3):144-51.

278. Schnoll RA, Martinez E, Tatum KL, Glass M, Bernath A, Ferris D, et al. Nicotine patch vs. nicotine lozenge for smoking cessation: an effectiveness trial coordinated by the Community Clinical Oncology Program. *Drug Alcohol Depend.* 2010;107(2-3):237-43.
279. Schnoll RA, Goelz PM, Veluz-Wilkins A, Blazekovic S, Powers L, Leone FT, et al. Long-term nicotine replacement therapy: a randomized clinical trial. *JAMA Intern Med.* 2015;175(4):504-11.
280. Schnoll R, Leone F, Veluz-Wilkins A, Miele A, Hole A, Jao NC, et al. A randomized controlled trial of 24 weeks of varenicline for tobacco use among cancer patients: Efficacy, safety, and adherence. *Psychooncology.* 2019;28(3):561-9.
281. Segnan N, Ponti A, Battista RN, Senore C, Rosso S, Shapiro SH, et al. A randomized trial of smoking cessation interventions in general practice in Italy. *Cancer Causes Control.* 1991;2(4):239-46.
282. Selby P BBSN. Retreatment with ZYban SR: 52 week follow-up of a Canadian Multicentre trial (POS3-63). 2003.
283. Selma Bozkurt Z, Serkan Z, Esra K, Esra Aydin S. Comparison of the effectiveness of varenicline, extended-release bupropion and nicotine replacement therapy on the success and the maintenance of a smoking cessation program. *Klinik Psikofarmakoloji Bulteni-Bulletin of Clinical Psychopharmacology.* 2013;23(3):224-30.
284. Severson HH, Danaher BG, Ebbert JO, van Meter N, Lichtenstein E, Widdop C, et al. Randomized trial of nicotine lozenges and phone counseling for smokeless tobacco cessation. *Nicotine Tob Res.* 2015;17(3):309-15.
285. Sharifirad GR, Eslami AA, Charkazi A, Mostafavi F, Shahnazi H. The effect of individual counseling, line follow-up, and free nicotine replacement therapy on smoking cessation in the samples of Iranian smokers: Examination of transtheoretical model. *J Res Med Sci.* 2012;17(12):1128-36.
286. Sharma SK, Mohan A, Singh AD, Mishra H, Jhanjee S, Pandey RM, et al. Impact of nicotine replacement therapy as an adjunct to anti-tuberculosis treatment and behaviour change counselling in newly diagnosed pulmonary tuberculosis patients: an open-label, randomised controlled trial. *Sci Rep.* 2018;8(1):8828.
287. Sherman SE, Aldana I, Estrada M, York L. Comparing the tolerability and effectiveness of two treatment regimens in a smoking clinic. *Mil Med.* 2008;173(6):550-4.
288. Shiffman S, Dresler CM, Hajek P, Gilbert SJ, Targett DA, Strahs KR. Efficacy of a nicotine lozenge for smoking cessation. *Arch Intern Med.* 2002;162(11):1267-76.
289. Shiffman S, Ferguson SG, Strahs KR. Quitting by gradual smoking reduction using nicotine gum: a randomized controlled trial. *Am J Prev Med.* 2009;36(2):96-104 e1.
290. Siddiqi K, Khan A, Ahmad M, Dogar O, Kanaan M, Newell JN, et al. Action to stop smoking in suspected tuberculosis (ASSIST) in Pakistan: a cluster randomized, controlled trial. *Ann Intern Med.* 2013;158(9):667-75.
291. Simon JA, Solkowitz SN, Carmody TP, Browner WS. Smoking cessation after surgery. A randomized trial. *Arch Intern Med.* 1997;157(12):1371-6.
292. Simon JA, Duncan C, Carmody TP, Hudes ES. Bupropion for smoking cessation: a randomized trial. *Arch Intern Med.* 2004;164(16):1797-803.
293. Simon JA, Duncan C, Huggins J, Solkowitz S, Carmody TP. Sustained-release bupropion for hospital-based smoking cessation: a randomized trial. *Nicotine Tob Res.* 2009;11(6):663-9.
294. Smith SS, McCarthy DE, Japuntich SJ, Christiansen B, Piper ME, Jorenby DE, et al. Comparative effectiveness of 5 smoking cessation pharmacotherapies in primary care clinics. *Arch Intern Med.* 2009;169(22):2148-55.
295. SMK20001:A Multi-Center, Double-Blind, Double-Dummy, Placebo-Controlled, Randomized, Parallel Group, Dose Response Evaluation of a New Chemical Entity (NCE) and ZYBAN (bupropion hydrochloride) Sustained Release (300mg/day) versus Placebo As Aids to Smoking Cessation.
296. Solomon LJ, Scharoun GM, Flynn BS, Secker-Walker RH, Sepinwall D. Free nicotine patches plus proactive telephone peer support to help low-income women stop smoking. *Prev Med.* 2000;31(1):68-74.
297. Solomon LJ, Marcy TW, Howe KD, Skelly JM, Reinier K, Flynn BS. Does extended proactive telephone support increase smoking cessation among low-income women using nicotine patches? *Prev Med.* 2005;40(3):306-13.
298. Sonderskov J, Olsen J, Sabroe S, Meillier L, Overvad K. Nicotine patches in smoking cessation: A randomized trial among over-the-counter customers in Denmark. *American Journal of Epidemiology.* 1997;145(4):309-18.
299. Stapleton JA, Russell MA, Feyerabend C, Wiseman SM, Gustavsson G, Sawe U, et al. Dose effects and predictors of outcome in a randomized trial of transdermal nicotine patches in general practice. *Addiction.* 1995;90(1):31-42.
300. Stapleton J, West R, Hajek P, Wheeler J, Vangeli E, Abdi Z, et al. Randomized trial of nicotine replacement therapy (NRT), bupropion and NRT plus bupropion for smoking cessation: effectiveness in clinical practice. *Addiction.* 2013;108(12):2193-201.

301. Stein MD, Caviness CM, Kurth ME, Audet D, Olson J, Anderson BJ. Varenicline for smoking cessation among methadone-maintained smokers: a randomized clinical trial. *Drug Alcohol Depend.* 2013;133(2):486-93.
302. Steinberg MB, Greenhaus S, Schmelzer AC, Bover MT, Foulds J, Hoover DR, et al. Triple-combination pharmacotherapy for medically ill smokers: a randomized trial. *Ann Intern Med.* 2009;150(7):447-54.
303. Steinberg MB, Randall J, Greenhaus S, Schmelzer AC, Richardson DL, Carson JL. Tobacco dependence treatment for hospitalized smokers: a randomized, controlled, pilot trial using varenicline. *Addict Behav.* 2011;36(12):1127-32.
304. Stockings EA, Bowman JA, Baker AL, Terry M, Clancy R, Wye PM, et al. 2014 world congress abstracts, 3-6 december 2014, melbourne, australia. *Asia Pac J Clin Oncol.* 2014;10 Suppl 9:1-263.
305. Sutherland G, Stapleton JA, Russell MAH, Jarvis MJ, Hajek P, Belcher M, et al. Randomized Controlled Trial of Nasal Nicotine Spray in Smoking Cessation. *Lancet.* 1992;340(8815):324-9.
306. Sutton S, Hallett R. Randomized trial of brief individual treatment for smoking using nicotine chewing gum in a workplace setting. *Am J Public Health.* 1987;77(9):1210-1.
307. Sutton S, Hallett R. Smoking intervention in the workplace using videotapes and nicotine chewing gum. *Prev Med.* 1988;17(1):48-59.
308. Swan GE, McAfee T, Curry SJ, Jack LM, Javitz H, Dacey S, et al. Effectiveness of bupropion sustained release for smoking cessation in a health care setting: a randomized trial. *Arch Intern Med.* 2003;163(19):2337-44.
309. Swanson NA, Burroughs CC, Long MA, Lee RW. Controlled trial for smoking cessation in a navy shipboard population using nicotine patch, sustained-release bupropion, or both. *Military Medicine.* 2003;168(10):830-4.
310. Tashkin D, Kanner R, Bailey W, Buist S, Anderson P, Nides M, et al. Smoking cessation in patients with chronic obstructive pulmonary disease: a double-blind, placebo-controlled, randomised trial. *Lancet.* 2001;357(9268):1571-5.
311. Tashkin DP, Rennard S, Hays JT, Ma W, Lawrence D, Lee TC. Effects of varenicline on smoking cessation in patients with mild to moderate COPD: a randomized controlled trial. *Chest.* 2011;139(3):591-9.
312. Thomsen T, Tonnesen H, Okholm M, Kroman N, Maibom A, Sauerberg ML, et al. Brief smoking cessation intervention in relation to breast cancer surgery: a randomized controlled trial. *Nicotine Tob Res.* 2010;12(11):1118-24.
313. Tonnesen P, Fryd V, Hansen M, Helsted J, Gunnensen AB, Forchammer H, et al. Effect of nicotine chewing gum in combination with group counseling on the cessation of smoking. *N Engl J Med.* 1988;318(1):15-8.
314. Tonnesen P, Fryd V, Hansen M, Helsted J, Gunnensen AB, Forchammer H, et al. Two and four mg nicotine chewing gum and group counselling in smoking cessation: an open, randomized, controlled trial with a 22 month follow-up. *Addict Behav.* 1988;13(1):17-27.
315. Tonnesen P, Norregaard J, Simonsen K, Sawe U. A double-blind trial of a 16-hour transdermal nicotine patch in smoking cessation. *N Engl J Med.* 1991;325(5):311-5.
316. Tonnesen P, Norregaard J, Mikkelsen K, Jorgensen S, Nilsson F. A double-blind trial of a nicotine inhaler for smoking cessation. *JAMA.* 1993;269(10):1268-71.
317. Tonnesen P, Paoletti P, Gustavsson G, Russell MA, Saracci R, Gulsvik A, et al. Higher dosage nicotine patches increase one-year smoking cessation rates: results from the European CEASE trial. Collaborative European Anti-Smoking Evaluation. *European Respiratory Society. Eur Respir J.* 1999;13(2):238-46.
318. Tonnesen P, Mikkelsen KL. Smoking cessation with four nicotine replacement regimes in a lung clinic. *Eur Respir J.* 2000;16(4):717-22.
319. Tonnesen P, Tonstad S, Hjalmarsen A, Leborgy F, Van Spiegel PI, Hider A, et al. A multicentre, randomized, double-blind, placebo-controlled, 1-year study of bupropion SR for smoking cessation. *J Intern Med.* 2003;254(2):184-92.
320. Tonnesen P, Mikkelsen K, Bremann L. Nurse-conducted smoking cessation in patients with COPD using nicotine sublingual tablets and behavioral support. *Chest.* 2006;130(2):334-42.
321. Tonnesen P, Lauri H, Perfekt R, Mann K, Batra A. Efficacy of a nicotine mouth spray in smoking cessation: a randomised, double-blind trial. *Eur Respir J.* 2012;40(3):548-54.
322. Tonstad S, Farsang C, Klaene G, Lewis K, Manolis A, Perruchoud AP, et al. Bupropion SR for smoking cessation in smokers with cardiovascular disease: a multicentre, randomised study. *Eur Heart J.* 2003;24(10):946-55.
323. Tonstad S, Tonnesen P, Hajek P, Williams KE, Billing CB, Reeves KR, et al. Effect of maintenance therapy with varenicline on smoking cessation: a randomized controlled trial. *JAMA.* 2006;296(1):64-71.
324. Tromeur C, Le Mao R, Couturand F. Effect of varenicline on smoking cessation in COPD patients recovering from exacerbation: a randomized trial. *Fundamental & Clinical Pharmacology.* 2018;32:32-.

325. Tsai ST, Cho HJ, Cheng HS, Kim CH, Hsueh KC, Billing CB, Jr., et al. A randomized, placebo-controlled trial of varenicline, a selective alpha4beta2 nicotinic acetylcholine receptor partial agonist, as a new therapy for smoking cessation in Asian smokers. *Clin Ther*. 2007;29(6):1027-39.
326. Tsukahara H, Noda K, Saku K. A randomized controlled open comparative trial of varenicline vs nicotine patch in adult smokers: efficacy, safety and withdrawal symptoms (the VN-SEESAW study). *Circ J*. 2010;74(4):771-8.
327. Tuisku A, Salmela M, Nieminen P, Toljamo T. Varenicline and Nicotine Patch Therapies in Young Adults Motivated to Quit Smoking: A Randomized, Placebo-controlled, Prospective Study. *Basic Clin Pharmacol Toxicol*. 2016;119(1):78-84.
328. Tulloch HE, Pipe AL, Els C, Clyde MJ, Reid RD. Flexible, dual-form nicotine replacement therapy or varenicline in comparison with nicotine patch for smoking cessation: a randomized controlled trial. *BMC Med*. 2016;14(80):80.
329. University of Michigan, National Heart LaBl. A Randomized Trial of Internet Access to Nicotine Patches. <https://ClinicalTrials.gov/show/NCT00534404>; 2011.
330. Urdapilleta-Herrera E, Pina-Rosales MF, Vargas-Rojas MI, Ramirez-Venegas A, Sansores-Martinez R. Bupropion together with cognitive-conductual therapy (CBT) is an alternative for a long-term abstinence of smoking. *European Respiratory Journal*. 2013;42(no pagination).
331. Uyar M, Filiz A, Bayram N, Elbek O, Herken H, Topcu A, et al. A randomized trial of smoking cessation. Medication versus motivation. *Saudi Med J*. 2007;28(6):922-6.
332. Vial RJ, Jones TE, Ruffin RE, Gilbert AL. Smoking cessation program using nicotine patches linking hospital to the community. *Journal of Pharmacy Practice and Research*. 2002;32(1):57-62.
333. Villa RS, Alvarez ABD, Hermida JRF. Effectiveness of a multicomponent program to quit smoking with and without nicotine chewing gum. *Psicología Conductual*. 1999;7(1):107-18.
334. Wagena EJ, Knipschild PG, Huibers MJH, Wouters EFM, Schayck CPR. Efficacy of bupropion and nortriptyline for smoking cessation among people who are at risk for or have chronic obstructive pulmonary disease: Results from a randomized, placebo-controlled trial. *Nicotine & Tobacco Research*. 2005;7(4):683-4.
335. Wallstrom M, Nilsson F, Hirsch JM. A randomized, double-blind, placebo-controlled clinical evaluation of a nicotine sublingual tablet in smoking cessation. *Addiction*. 2000;95(8):1161-71.
336. Walsh MM, Hilton JF, Masouredis CM, Gee L, Chesney MA, Ernster VL. Smokeless tobacco cessation intervention for college athletes: results after 1 year. *Am J Public Health*. 1999;89(2):228-34.
337. Wang C, Xiao D, Chan KP, Pothirat C, Garza D, Davies S. Varenicline for smoking cessation: a placebo-controlled, randomized study. *Respirology*. 2009;14(3):384-92.
338. Ward KD, Asfar T, Al Ali R, Rastam S, Weg MW, Eisenberg T, et al. Randomized trial of the effectiveness of combined behavioral/pharmacological smoking cessation treatment in Syrian primary care clinics. *Addiction*. 2013;108(2):394-403.
339. Weaver K, Kaplan S, Urbanic J, Case D, Zbikowski S, Dakhil C, et al. Incorporating evidence-based smoking cessation into community oncology practices: Feasibility and preliminary efficacy of an enhanced quitline-based smoking cessation intervention for cancer survivors. *2015*; 24:[32 p.]. Available from: <http://onlinelibrary.wiley.com/doi/10.1002/1471-2575.1244>.
340. Wennike P, Danielsson T, Landfeldt B, Westin A, Tonnesen P. Smoking reduction promotes smoking cessation: results from a double blind, randomized, placebo-controlled trial of nicotine gum with 2-year follow-up. *Addiction*. 2003;98(10):1395-402.
341. Westergaard CG, Porsbjerg C, Backer V. The effect of Varenicline on smoking cessation in a group of young asthma patients. *Respir Med*. 2015;109(11):1416-22.
342. Westman EC, Levin ED, Rose JE. The nicotine patch in smoking cessation. A randomized trial with telephone counseling. *Arch Intern Med*. 1993;153(16):1917-23.
343. Wewers ME, Neidig JL, Kihm KE. The feasibility of a nurse-managed, peer-led tobacco cessation intervention among HIV-positive smokers. *J Assoc Nurses AIDS Care*. 2000;11(6):37-44.
344. Wiggers LC, Smets EM, Oort FJ, Peters RJ, Storm-Versloot MN, Vermeulen H, et al. The effect of a minimal intervention strategy in addition to nicotine replacement therapy to support smoking cessation in cardiovascular outpatients: a randomized clinical trial. *Eur J Cardiovasc Prev Rehabil*. 2006;13(6):931-7.
345. Williams KE, Reeves KR, Billing CB, Jr., Pennington AM, Gong J. A double-blind study evaluating the long-term safety of varenicline for smoking cessation. *Curr Med Res Opin*. 2007;23(4):793-801.
346. Williams JM, Anthenelli RM, Morris CD, Treadow J, Thompson JR, Yunis C, et al. A randomized, double-blind, placebo-controlled study evaluating the safety and efficacy of varenicline for smoking cessation in patients with schizophrenia or schizoaffective disorder. *J Clin Psychiatry*. 2012;73(5):654-60.

347. Wilson JS, Fitzsimons D, Bradbury I, Stuart Elborn J. Does additional support by nurses enhance the effect of a brief smoking cessation intervention in people with moderate to severe chronic obstructive pulmonary disease? A randomised controlled trial. *Int J Nurs Stud*. 2008;45(4):508-17.
348. Winhusen TM, Brigham GS, Kropp F, Lindblad R, Gardin JG, 2nd, Penn P, et al. A randomized trial of concurrent smoking-cessation and substance use disorder treatment in stimulant-dependent smokers. *J Clin Psychiatry*. 2014;75(4):336-43.
349. Wiratmoko MR, Yunus F, Susanto AD, Ginting TT, Kekalih A. Efficacy of Varenicline, an Nicotinic Acetylcholine Receptor Partial Agonist, Vs Placebo for Smoking Cessation. A Randomized Controlled Trial. *Respirology*. 2013;18:66-.
350. Wittchen HU, Hoch E, Klotsche J, Muehlig S. Smoking cessation in primary care - a randomized controlled trial of bupropione, nicotine replacements, CBT and a minimal intervention. *Int J Methods Psychiatr Res*. 2011;20(1):28-39.
351. Wong GY, Wolter TD, Croghan GA, Croghan IT, Offord KP, Hurt RD. A randomized trial of naltrexone for smoking cessation. *Addiction*. 1999;94(8):1227-37.
352. Wong J, Abrishami A, Yang Y, Zaki A, Friedman Z, Selby P, et al. A perioperative smoking cessation intervention with varenicline: a double-blind, randomized, placebo-controlled trial. *Anesthesiology*. 2012;117(4):755-64.
353. Wong J, Abrishami A, Riazi S, Siddiqui N, You-Ten E, Korman J, et al. A Perioperative Smoking Cessation Intervention With Varenicline, Counseling, and Fax Referral to a Telephone Quitline Versus a Brief Intervention: A Randomized Controlled Trial. *Anesth Analg*. 2017;125(2):571-9.
354. Yang DX, Gu CJ, Ni L, Li N, Li QY, Zhou JP. Assessment of efficacy of medication combined with WeChat platform for quitting smoking in patients with chronic obstructive pulmonary disease. [Chinese]. *Journal of Shanghai Jiaotong University (Medical Science)*. 2016;36(3):385-9.
355. Yuhongxia L. The Compliance of Vanrenicline Usage and the Smoking Abstinence Rate Via Mobile Phone Text Messaging Combine with Varenicline: A Single-Blind, Randomised Control Trial. *Respirology*. 2011;16:46-7.
356. Zellweger JP, Boelcskei PL, Carrozzi L, Sepper R, Sweet R, Hider AZ. Bupropion SR vs placebo for smoking cessation in health care professionals. *Am J Health Behav*. 2005;29(3):240-9.
357. Zelman DC, Brandon TH, Jorenby DE, Baker TB. Measures of affect and nicotine dependence predict differential response to smoking cessation treatments. *J Consult Clin Psychol*. 1992;60(6):943-52.
358. Zernig G, Wallner R, Grohs U, Kriechbaum N, Kemmler G, Saria A. A randomized trial of short psychotherapy versus sustained-release bupropion for smoking cessation. *Addiction*. 2008;103(12):2024-31.
359. ZYB 30011:A multicentre, randomised, double-blind, placebo controlled study to evaluate the efficacy and tolerability of bupropion hydrochloride (SR) sustained release (2 x 150mg per day) versus placebo as an aid to smoking cessation in smokers with at least one cardiovascular (CV) risk factor.
360. ZYB40005: The effect of sustained-release bupropion HCl vs. placebo as an aid to smoking reduction leading to cessation among smokers unwilling and unable to quit smoking.
361. ZYBAKIA402: A single center evaluation of Wellbutrin (bupropion hydrochloride) versus placebo as an aid to smoking cessation (study 402).