

Authors + year	Selection			Comparability			Outcome		Quality Score	Exclusion
	Representativeness of Exposed Cohort	Selection of the Non-Exposed Cohort from Same Source as Exposed Cohort	Ascertainment of Exposure	Outcome of Interest Was Not Present at Start of Study	Comparability of Cohorts	Assessment of Outcome	Follow-up Long Enough for Outcome to Occur (< mean 3 years)	Adequacy of Follow-Up		
Abla et al. 2011	1	1	1	0	11	1	0	1	Good	
Acciari et al. 2009	1	1	0	0	11	0	1	1	Fair	
Agosti et al. 2019	0	1	1	1	11	1	0	0	Fair	
Aiba et al. 1995	1	1	0	0	11	0	0	1	Fair	YES
Al-Holou et al. 2012	1	1	1	0	11	1	0	1	Good	
Al-Shahi Salman et al. 2012	1	1	0	1	11	0	1	1	Good	
Amato et al. 2013	1	1	0	0	1	1	0	1	Fair	
Amin-Hanjani et al. 1998	1	1	0	0	11	0	0	1	Fair	YES
Amin-Hanjani et al. 1998	1	1	0	0	11	1	0	1	Fair	
Arauz et al. 2017 (1&2)	1	1	1	1	11	1	1	1	Good	
Barker et al. 2001	1	1	0	0	11	0	0	1	Fair	
Bartolomei et al. 1999	1	1	0	0	11	0	0	0	Poor	YES
Baumann et al. 2007	1	1	1	0	11	1	0	1	Fair	
Bertalanffy et al. 2002	1	1	0	0	11	0	0	0	Poor	
Bhardwaj et al. 2009	1	1	1	0	11	1	0	1	Good	
Bicalho et al. 2017	1	1	1	1	1	0	1	1	Fair	
Bradac et al. 2020	1	1	1	1	1	1	0	1	Good	
Brinjikji et al. 2017	1	1	1	0	11	1	0	0	Poor	
Bruneau et al. 2006	1	1	1	0	1	0	0	1	Fair	YES
Byun et al. 2018	1	1	1	0	11	1	0	1	Good	
Cantu et al. 2005	1	1	1	0	11	1	0	1	Good	

Cenzato et al. 2008	1	1	1	0	11	1	0	1	Good	YES
Chang et al. 2011	1	1	1	0	11	1	0	1	Good	
Chang et al. 1998	1	1	0	0	11	1	0	1	Good	
Chen et al. 2011	1	1	1	0	1	1	0	1	Fair	
Chen et al. 2014	1	1	1	0	1	1	0	1	Good	
Chotai et al. 2013	1	1	1	0	11	1	0	1	Good	
Consiglieri et al. 2013	1	1	1	0	1	1	0	0	Fair	
Clatterbuck et al. 2000	1	1	1	1	11	1	0	0	Fair	
Consales et al. 2009	1	1	1	0	1	0	1	1	Good	
Cornelius et al. 2016	1	1	1	1	1	0	0	0	Poor	
D'Angelo et al. 2006	1	1	1	0	11	1	0	1	Good	YES
Dammann et al. 2016	1	1	1	0	11	1	1	1	Good	
Dammann et al. 2017	1	1	1	0	11	1	1	1	Good	
de Oliveira et al. 2010	1	1	1	0	11	1	1	1	Good	
del Curling et al. 1991	1	1	1	0	11	0	0	0	Fair	
Dukatz et al. 2011	1	1	1	1	11	1	0	1	Good	
Eichberg et al. 2019	1	1	1	0	11	1	0	1	Good	
Ferroli et al. 2005	1	1	1	0	11	1	1	1	Good	
Flemming et al. 2019	1	1	1	0	11	1	0	1	Good	
Flemming et al. 2012	1	1	1	0	11	1	0	1	Good	
Fritschi et al. 1994	1	1	0	0	11	0	0	0	Fair	YES
Frischer et al. 2008	1	1	1	1	11	0	0	0	Poor	YES
Frischer et al. 2014 (1&2)	1	1	1	1	11	1	1	1	Good	

Table 1: Summary of studies on the effectiveness of the intervention										Overall Summary	
Study	Study ID	Year	Sample Size (n)	Intervention Group	Control Group	Intervention Effect Size (d)	Control Effect Size (d)	Intervention Success Rate (%)	Control Success Rate (%)	Overall Rating	Notes
Garcia et al. 2015	1	2015	11	1	0	11	1	0	1	Good	YES
Gross et al. 2016	1	2016	11	1	0	11	1	0	1	Good	
Gui et al. 2019	1	2019	1	1	0	1	1	1	1	Good	
Hasegawa et al. 2002	1	2002	11	1	0	11	1	0	1	Good	
Hauck et al. 2009	1	2009	1	1	0	1	1	0	1	Fair	
He et al. 2017	1	2017	1	1	0	1	1	1	1	Good	
Huang et al. 2010	1	2010	11	1	0	11	1	0	1	Good	
Huang et al. 2006	1	2006	11	1	0	11	0	0	1	Fair	
Jacobs et al. 2018	1	2018	11	1	0	11	1	0	1	Good	
Jeon et al. 2014	1	2014	11	1	0	11	1	0	1	Good	
Josephson et al. 2011	1	2011	1	1	0	1	0	0	1	Fair	YES
Kalani et al. 2013	1	2013	0	1	1	0	0	0	0	Poor	YES
Kapadia et al. 2020	1	2020	1	1	1	1	0	0	1	Fair	YES
Karlsson et al. 1998	1	1998	1	1	0	1	1	0	1	Fair	YES
Kearns et al. 2019	1	2019	11	1	0	11	1	0	1	Fair	YES
Kefeli et al. 2019	1	2019	11	1	1	11	0	1	1	Good	
Kida, Y. 2009	1	2009	11	1	0	11	1	0	1	Good	
Kida et al. 2015	1	2015	11	1	0	11	1	0	1	Good	
Kim et al. 2014	1	2014	1	1	0	1	1	0	1	Good	
Kim et al. 1997	1	1997	11	1	0	11	1	0	1	Good	
Kim et al. 2002	1	2002	11	1	0	11	1	0	1	Good	
Kim et al. 2005	1	2005	11	1	0	11	1	0	1	Good	
Kivelev et al. 2011	1	2011	1	1	0	1	0	0	1	Fair	YES
Kondziolka et al. 2007	1	2007	1	1	0	1	1	0	1	Fair	YES
Kondziolka et al. 1995	1	1995	1	1	1	1	1	0	1	Fair	YES
Kumar et al. 2019	0	2019	1	1	0	1	0	0	1	Fair	
Kupersmith et al. 2001	1	2001	11	1	0	11	1	0	1	Good	
Kwon et al. 2013	1	2013	11	1	1	11	0	0	1	Fair	

Labauge et al. 2000	1	1	1	1	1	1	0	1	Good	YES
Labauge et al. 2001	1	1	1	0	11	1	0	1	Good	
Lashkarivand et al. 2020	1	1	1	1	1	1	0	1	Fair	
Lee et al. 2012	1	1	1	0	11	1	0	1	Good	
Lee et al. 2019	1	1	1	0	11	1	0	1	Good	
Lee et al. 2008	1	1	1	0	11	1	1	1	Good	
Lee et al. 2014	1	1	0	0	11	1	0	1	Fair	
Lévêque et al. 2013	1	1	0	0	0	0	0	0	Poor	
Li et al. 2014	1	1	1	1	11	0	1	1	Good	
Li et al. 2013	1	1	1	1	11	1	0	1	Fair	
Li et al. 2018	1	1	1	1	11	1	0	1	Good	
Li et al. 2020	1	1	1	1	11	1	0	1	Good	
Li et al. 2013*	1	1	1	0	11	1	0	1	Good	
Liscak et al. 2013	1	1	0	0	11	1	0	1	Good	
Liu et al. 2016	1	1	1	0	11	1	1	1	Good	
Liu et al. 2005	1	1	1	0	1	1	0	1	Good	YES
Lopez-Serrano et al. 2017	1	1	1	1	11	1	0	1	Good	
Lunsford et al. 2010	1	1	0	1	11	0	1	1	Good	
Maesawa et al. 1999	1	1	0	0	11	0	0	1	Fair	
Mai et al. 2013	1	1	1	0	11	1	0	1	Fair	
Mathiesen et al. 2003	1	1	0	0	0	0	0	1	Poor	
Mehdorn et al. 1998	1	1	0	0	1	0	0	1	Fair	
Menon et al. 2011	1	1	0	0	11	0	0	1	Fair	
Menzler et al. 2010	1	1	1	1	11	0	0	0	Poor	
Monaco et al. 2010	1	1	0	0	11	0	0	1	Fair	
Moore et al. 2014	1	1	1	0	1	0	0	0	Fair	
Moriarity et al. 1999	1	1	0	0	11	0	0	1	Fair	

Mottolese et al. 2001	1	1	0	0	1	1	0	0	Fair	YES
Moultrie et al. 2014 (1&2)	1	1	0	1	1	0	1	1	Good	
Nagy et al. 2019	1	1	1	0	1	0	1	1	Good	
Nagy et al. 2019	1	1	1	0	11	0	1	1	Good	
Nagy et al. 2013	1	1	1	0	1	0	0	1	Fair	YES
Nathal et al. 2018	1	1	1	0	11	1	0	1	Good	
Nikoubashman et al. 2015	1	1	1	1	11	1	0	1	Good	
Noh et al. 2014	1	1	1	0	1	0	0	1	Fair	YES
Ojemann et al. 1999	1	1	0	0	0	0	0	0	Poor	YES
Ohue et al. 2010	1	1	1	0	11	0	0	0	Fair	YES
Pandey et al. 2013	1	1	1	0	11	1	0	1	Good	
Park et al. 2018	1	1	1	0	11	1	1	1	Good	
Porter et al. 1997	1	1	0	0	11	0	0	0	Fair	YES
Porter et al. 1999	1	1	0	0	11	1	0	1	Fair	
Ramina et al. 2013	1	0	0	0	0	0	0	0	Poor	YES
Rangel-Castilla et al. 2015	1	1	0	1	11	1	0	1	Good	
Regis et al. 2000	1	1	0	0	11	1	0	1	Fair	
Ren et al. 2017	1	1	0	0	11	0	0	1	Fair	YES
Robinson et al. 1991	1	1	0	1	11	1	0	1	Good	
Sager et al. 2014	1	1	1	0	1	1	0	1	Good	
Samii et al. 2001	1	1	1	0	11	1	0	1	Good	
Sawarkar et al. 2017	1	1	1	0	11	1	0	1	Good	
Schneble et al. 2012	1	1	1	1	1	1	0	1	Good	
Schwartz et al. 2013	1	1	1	0	11	1	0	1	Good	
Sheen et al. 2018	1	1	0	0	11	0	0	1	Fair	YES
Shih et al. 2005	1	1	0	0	1	1	0	1	Fair	YES

Tian et al. 2017	1	1	1	0	11	1	0	1	Good	YES
Tsuji et al. 2019	1	1	1	0	11	1	0	1	Good	
Vale et al. 2015	1	1	1	1	11	1	0	1	Good	
Wang et al. 2018	1	1	1	1	11	1	0	1	Good	
Wang et al. 2003	1	1	1	0	1	0	0	1	Fair	
Wang et al. 2015	1	1	1	0	1	1	0	1	Good	YES
Winkler et al. 2006	1	1	1	0	11	0	0	0	Poor	
Wostrack et al. 2012	1	1	1	0	11	1	0	1	Good	
Woydt et al. 2001	1	1	1	0	11	1	0	1	Fair	
Wu et al. 2015	1	1	1	0	11	1	0	1	Good	
Yang et al. 2018	1	1	1	0	11	1	1	1	Good	YES
Yoon et al. 1998	1	1	1	0	1	1	0	1	Good	
Zabramski et al. 2014	1	1	1	1	11	1	0	1	Good	
Zaidi et al. 2014	1	1	1	0	11	1	0	1	Good	
Zaidi et al. 2017	1	1	0	0	11	0	0	1	Fair	
Zanello et al. 2019	1	1	0	1	1	0	0	0	Fair	YES
Zhang et al. 2016	1	1	1	1	11	1	1	1	Good	YES
Zhao et al. 2007	1	1	1	0	11	1	0	0	Good	
Zheng et al. 2020	1	1	1	1	11	1	0	1	Good	
Zuurbier et al. 2019	1	1	1	1	11	1	1	1	Good	
Zimmerman et al. 1991	1	1	0	0	11	1	0	0	Fair	