

Multimedia Appendix 2: Study Design/ Characteristics

Study Design	Country, Number	Author, Year & Reference
Audit (Retrospective)	USA, 3	Bredfeldt et al (2011) [42] Weppner et al (2010) [41] Tenforde et al (2011) [43]
Cohort studies (retrospective, prospective and longitudinal)	USA, 3	Jones et al (2015) [50] Roblin et al (2009) [38] Harris et al (2013) [48]
Quasi-experimental (single interrupted time series-design)	USA, 1	Grembowski et al (2012) [44]
Interpretative Review	UK, 1	Jilka et al (2015) [58]
Focus groups/ Interviews	USA, 3	*Wade-Vuturo et al (2013) [46] Hess et al (2007) [36] Ralston et al (2004) [32]
	Australia, 1	Bomba et al (2004) [59]
	UK, 1	Fisher et al (2009) [57]
Randomised / Control & Cluster Trials (RCT)	USA, 4	Shea et al (2006) [34] Ralston et al (2009) [37] Tang et al (2013) [49] Grant et al (2008) [52]
	France, 1	Holbrook et al (2009) [53]
Survey (including cross-sectional/ analysis)	USA, 7	Wald et al (2010) [40] Sarkar et al (2010) [39] Sarkar et al (2011) [51] Berryman et al (2013) [47] Lyles et al (2012) [45] Harris et al (2009) [35] Hess et al (2006) [33]
	The Netherlands, 3	Ronda et al (2013) [56] Ronda et al (2014) [55] Ronda et al (2015) [54]

* Mixed methods (interviews & survey)