

Supplementary Figure 1 - Risk of bias for pre-post observational studies

	study population defined	participation rate >50%	recruitment from same population	sample size justification	exposures measured prior to outcomes	reasonable timeframe between exposure and outcome	different levels of exposure examined	exposure measures clearly defined	exposure assessed more than once	outcome measure clearly defined	loss to follow up > 20%	confounding variables measured
Al Hamarneh 2013	+	+	+	+	+	+	+	+	+	+	+	?
Bluml 2000	+	+	+	+	+	+	?	+	+	+	+	+
Gerrald 2010	+	+	+	+	+	+	?	+	?	+	+	+
Harrison 2015	+	+	+	+	+	+	?	+	+	+	+	+
Oyetayo 2011	+	?	?	+	+	+	?	?	+	+	?	+
Rossiter 2013	+	+	+	+	+	+	?	+	+	+	+	+
Wilson 2004	+	+	+	+	+	+	?	?	+	+	+	+