

**Table S1. NIH Assessment Tools for Observational Studies.**

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Overall	QUALITY
Beal et al, 2020	1	1	0	1	0	1	1	0	1	0	1	0	0	0	7	FAIR
Benito - Fernandez et al, 2006	1	1	NA	1	0	1	1	0	1	0	1	0	1	0	8	FAIR
Busson et al, 2019	1	1	1	1	0	1	1	NA	1	0	1	0	NA	1	9	FAIR
Byington et al, 2002	1	1	1	0	0	1	1	NA	1	0	1	0	NA	0	7	FAIR
Cantais et al, 2019	1	1	1	1	0	1	1	NA	1	NA	1	0	0	0	8	FAIR
Cohen et al, 2007	1	1	NA	0	0	1	1	NA	1	0	1	0	0	0	6	FAIR
de La Rocque et al, 2009	1	1	1	1	1	1	1	NA	1	1	1	0	1	0	11	GOOD
Diallo et al, 2019	1	1	1	1	0	1	1	NA	1	0	1	0	0	0	8	FAIR
Dimopoulou et al, 2020	1	1	1	0	0	1	1	NA	1	0	1	0	NA	0	7	FAIR
Hayashi et al, 2018	1	1	1	1	0	1	1	NA	1	0	1	0	0	1	9	FAIR
Iroh Tamet al, 2017	1	1	1	1	0	1	1	NA	1	0	1	0	NA	0	8	FAIR
Jacob et al, 2020	1	1	1	1	0	1	1	NA	1	0	1	0	0	0	8	FAIR
Jennings et al, 2009	1	1	1	NA	0	1	1	NA	1	0	1	0	0	0	7	FAIR
Li-Kim-Moy et al, 2016	1	1	1	0	0	1	1	NA	1	0	1	0	0	1	8	FAIR
Małecki et al, 2017	1	1	1	1	0	1	1	NA	1	1	1	0	1	0	10	FAIR
Maltezou et al, 2008	1	1	1	0	0	1	1	NA	1	0	1	0	0	1	8	FAIR
McCulloh et al, 2013	1	1	0	1	0	1	1	NA	1	0	1	0	NA	0	7	FAIR
McFall et al, 2017	1	1	1	1	NA	1	1	1	1	0	1	0	NA	0	9	FAIR
Nitsch-Osuch et al, 2013	1	1	0	0	0	1	1	NA	1	0	1	0	0	0	6	FAIR
Özkaya et al, 2009	1	1	1	1	NA	1	1	NA	1	0	1	0	1	0	9	FAIR
Pierron et al, 2008	1	1	0	1	0	1	1	NA	1	0	1	0	0	0	7	FAIR
Rao et al, 2019	1	1	1	1	0	1	1	NA	1	0	1	0	0	0	8	FAIR
Schnell et al, 2017	1	1	1	1	NA	1	1	NA	1	0	1	0	NA	0	8	FAIR
Schulert et al, 2013	1	1	0	0	0	1	1	NA	1	0	1	0	NA	0	6	FAIR
Sharma et al , 2002	1	1	1	1	0	1	1	NA	1	0	1	0	NA	0	8	FAIR
Thibeault et al, 2007	1	1	1	1	NA	1	1	NA	1	0	1	0	NA	0	8	FAIR

Van Esso et al, 2019	1	1	NA	0	0	1	1	0	1	0	0	0	0	5	POOR
Vest Schneider et a, 2018	1	1	1	1	0	1	1	NA	1	0	1	0	1	9	FAIR
Walls et al, 2016	1	1	1	NA	NA	1	1	NA	1	0	1	0	NA	7	FAIR

**Table S2. NIH Assessment Tools for Before and After studies.**

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Overall	QUALITY
Ayanruoh et al, 2009	1	1	1	1	NA	1	1	0	0	1	0	NA	7	FAIR
Bird et al, 2021	1	1	1	NA	NA	1	1	0	0	1	0	NA	6	FAIR
Crook et al, 2020	1	1	1	1	0	1	1	0	NA	1	1	NA	8	FAIR
Halverson et al, 2011	1	1	NA	NA	NA	1	1	0	0	0	0	NA	4	POOR
Jun et al, 2016	1	1	1	1	NA	1	1	0	0	1	0	NA	7	FAIR
Keske et al, 2018	1	1	1	1	NA	1	1	0	NA	1	0	NA	7	FAIR
Kim et al, 2021	1	1	1	1	NA	1	1	0	NA	1	1	NA	8	FAIR
Kitano et al, 2019	1	1	1	0	NA	1	1	0	1	1	0	NA	7	FAIR
Kose et al, 2016	1	1	NA	1	NA	1	1	0	0	1	0	NA	6	FAIR
Lee et al, 2020	1	1	1	1	NA	1	1	0	NA	1	0	NA	7	FAIR
Mitchell et al, 2018	1	1	1	1	NA	1	1	0	NA	1	0	NA	7	FAIR
Nitsch-Osuch et al, 2017	1	1	NA	1	NA	1	1	0	0	1	0	NA	6	FAIR
O' Callaghan et al, 2019	1	1	NA	NA	NA	1	1	0	0	1	0	NA	5	FAIR
Patel et al, 2020	1	1	1	NA	NA	1	1	0	0	1	NA	NA	6	FAIR
Reischl et al, 2020	1	1	1	1	NA	1	1	0	NA	1	0	NA	7	FAIR
Rogers et al, 2015	1	1	1	1	NA	1	1	0	NA	1	0	NA	7	FAIR
Subramony et al, 2016	1	1	1	1	NA	1	1	0	NA	NA	1	NA	7	FAIR
Vecino-Ortiz et al, 2018	1	0	1	NA	NA	1	1	0	0	1	NA	NA	5	FAIR
Yoshida et al, 2021	1	1	1	1	NA	1	1	0	NA	1	0	NA	7	FAIR

**Table S3. NIH Assessment Tools for Randomized Controlled Trial.**

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Overall	QUALITY
Abanses et al, 2006	0	1	1	0	0	1	1	1	1	1	1	0	1	0	9	FAIR
Bonner et al, 2003	1	1	1	NA	NA	1	1	1	1	1	1	NR	1	1	11	GOOD
Echavarríaet al, 2018	1	1	1	1	0	1	NR	NR	1	1	1	1	1	1	11	GOOD
Iyer et al, 2006	1	0	0	0	0	1	1	1	1	1	1	1	1	1	10	FAIR
May et al, 2019	1	1	1	0	0	1	1	1	1	1	1	1	1	1	12	GOOD
Poehling et al, 2006	1	1	1	0	0	1	1	1	1	1	1	1	1	1	12	GOOD
Rao et al, 2021	1	1	1	0	0	1	0	1	1	1	1	1	1	1	11	GOOD
Wishaupt et al, 2011	1	1	0	1	0	1	1	1	1	1	1	1	1	1	12	GOOD

**Table S4. NIH Assessment Tools for Case-Control Trial.**

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Overall	QUALITY
Noyola et al, 2000	1	1	0	1	1	1	0	1	1	1	0	1	9	GOOD