

Additional file 3 – Results Quality Assessment

Study (First author, year)	Training quality Score (0-12)	Training quality (Good/Moderate/Bad)	Study quality Score (0-12)	Study Quality (Good/Moderate/Bad)	Total score (0-24)	Total quality (Good/Moderate/Bad)
Ablah E, 2007	6	moderate	9	good	15	moderate
Ablah E, 2008,	7	moderate	12	good	19	good
Aiello A., 2011	6	moderate	10	good	16	moderate
Alexander, 2005	5	moderate	3	bad	8	bad
Alexander, 2008	9	good	9	good	18	good
Araz O, 2012	4	bad	4	bad	8	bad
Araz OM, 2013	7	moderate	7	moderate	14	moderate
Atack L, 2008	3	bad	8	moderate	11	moderate
Atlas RM, 2005	4	bad	3	bad	7	
Baldwin K, 2005	6	moderate	3	bad	9	moderate
Bazeyo W, 2015	5	Moderate	3	bad	8	bad
Becker KM, 2012	6	moderate	6	moderate	12	moderate
Berrian AM, 2018	4	bad	10	good	14	moderate
Biddinger PD, 2010	5	moderate	9	good	14	moderate
Cathcart LA, 2018	5	moderate	7	moderate	12	moderate
Chandler T, 2008	5	moderate	7	moderate	12	moderate

Chiu M, 2011						
	4	bad	7	moderate	11	moderate
Craig AT, 2007						
	6	moderate	6	moderate	12	moderate
Dausey DJ, 2007						
	2	bad	10	good	12	moderate
Dausey DJ, 2014						
	6	moderate	3	bad	9	moderate
Dickmann P, 2016						
	5	moderate	3	bad	8	moderate
El- Bahnasawy MM, 2014						
	1	bad	1	bad	2	bad
Faass J, 2013						
	3	bad	3	bad	6	bad
Fowkes V, 2007						
	9	good	8	moderate	17	good
Fowkes V, 2010						
	10	good	10	good	20	good
Gershon RR, 2009						
	7	moderate	8	moderate	15	moderate
Grillo M, 2017						
	4	bad	8	Moderate	12	moderate
Hegle J, 2011						
	6	moderate	7	moderate	13	moderate
Hoepfner MM, 2010						
	9	good	9	good	18	good
Horney JA, 2005						
	7	moderate	6	moderate	13	moderate
Hueston WD, 2008						
	6	moderate	4	bad	10	moderate
Johnson YF, 2009						
	5	moderate	8	moderate	13	moderate
Kohn S, 2010						
	5	moderate	7	moderate	12	moderate

Livet M, 2005	5	moderate	9	good	14	moderate
Macario E, 2007	5	moderate	7	moderate	12	moderate
Martin G, 2018	4	bad	4	bad	8	bad
Mitka M, 2003	2	bad	4	bad	6	bad
Morris JG, 2012	5	moderate	6	moderate	11	moderate
Olson D, 2008	8	moderate	4	bad	12	moderate
Orfaly RA, 2005	6	moderate	6	moderate	12	moderate
Orfaly RA, 2005a	8	good	4	bad	12	moderate
Otto JL, 2010	7	moderate	7	moderate	14	moderate
Peddecord KM, 2007	5	moderate	10	good	15	moderate
Potter MA, 2005	6	moderate	9	good	15	moderate
Quiram BJ, 2005	6	moderate	4	bad	10	moderate
Qureshi, KA, 2004	7	moderate	11	good	18	good
Rega PP, 2014	5	moderate	7	moderate	12	moderate
Richter J, 2005	4	bad	11	good	15	moderate
Rottman, SJ, 2005	7	moderate	8	moderate	15	moderate
Sandstrom, BE, 2014,	6	moderate	10	good	16	moderate
Sarpy SA, 2005	11	good	10	good	21	good
Savoia E, 2009	6	moderate	10	good	16	moderate
Savoia E, 2013	7	moderate	9	good	16	moderate
Soeters HM, 2018	3	bad	12	good	15	moderate
Taylor JL, 2005	5	moderate	4	bad	9	moderate

Umble KE, 2000	7	moderate	12	good	19	good
Waltz EC, 2010	4	bad	8	moderate	12	moderate
Wang C, 2008	10	good	11	good	21	good
Wang C, 2008a	6	moderate	9	good	15	moderate
Wang C, 2010	11	good	11	good	22	good
Yamada S, 2007	4	bad	6	moderate	10	moderate
Yellowlees P, 2008	6	moderate	6	moderate	12	moderate