

Supplemental Material S2. Quality appraisal of studies.

Study	MMAT Quality Appraisal																			
	Qualitative					Quantitative Non-Randomized					Quantitative Descriptive					Mixed Methods				
	1.1	1.2	1.3	1.4	1.5	3.1	3.2	3.3	3.4	3.5	4.1	4.2	4.3	4.4	4.5	5.1	5.2	5.3	5.4	5.5
An et al. (2017)											Y	Y	Y	Y	Y					
Andres (2006)	Y	Y	Y	Y	Y															
Baldassarri et al. (2014)											Y	Y	Y	Y	Y					
Benkherrat (2019)	Y	Y	N	N	N															
Bhattacharya & Basu (2009)											Y	Y	Y	Y	Y					
Bhattacharya & Basu (2010)											Y	Y	Y	Y	Y					
Blomberg et al. (1986)	Y	Y	Y	Y	Y															
Choi et al. (2012)	Y	Y	Y	Y	Y															
Daems et al. (2016)	Y	Y	Y	Y	Y															
de Oliveira et al. (2016)	Y	Y	Y	Y	Y															
Deliege (1989)	Y	Y	N	N	N															
Garcia-Mendez et al. (2019)											Y	Y	Y	Y	Y					
Heikkilä et al. (2019)	Y	Y	Y	N	N															
Hervás et al. (2020)																N	Y	Y	Y	Y
Huertas & Nohama (2014)	Y	Y	Y	N	N															
Hunnicutt (1984)	Y	Y	Y	Y	Y															
Iida & Campbell (2003)											Y	Y	Y	Y	Y					
Johnson et al. (2006)																N	Y	N	N	N
Lundälv et al. (2014)	Y	Y	Y	Y	Y															
Mertl & Frič (2019)	Y	Y	Y	Y	Y															
Nakazono et al. (2010)						Y	Y	Y	N	Y										
Vaillant (1998)	Y	Y	Y	Y	Y											N	Y	Y	N	N
Vaughan (2018)											Y	Y	Y	N	Y					

Note. MMAT = Mixed Methods Appraisal Tool; Y = Criteria satisfied; N = Criteria not satisfied. A column for quantitative, randomized controlled trial studies was not included, as no randomized controlled trial studies were reviewed.

- 1.1. Is the qualitative approach appropriate to answer the research question?
- 1.2. Are the qualitative data collection methods adequate to address the research question?
- 1.3. Are the findings adequately derived from the data?
- 1.4. Is the interpretation of results sufficiently substantiated by data?
- 1.5. Is there coherence between qualitative data sources, collection, analysis and interpretation?
- 3.1. Are the participants representative of the target population?
- 3.2. Are measurements appropriate regarding both the outcome and exposure/intervention?
- 3.3. Are there complete outcome data?
- 3.4. Are the confounders accounted for in the design and analysis?
- 3.5. During the study period, is the intervention/exposure administered as intended?
- 4.1. Is the sampling strategy relevant to address the research question?
- 4.2. Is the sample representative of the target population?
- 4.3. Are the measurements appropriate?
- 4.4. Is the risk of nonresponse bias low?
- 4.5. Is the statistical analysis appropriate to answer the research question?
- 5.1. Is there an adequate rationale for using a mixed methods design to address the research question?
- 5.2. Are the different components of the study effectively integrated to answer the research question?
- 5.3. Are the results adequately brought together into overall interpretations?
- 5.4. Are divergences and inconsistencies between quantitative and qualitative results adequately addressed?
- 5.5. Do the different components of the study adhere to the quality criteria of each tradition of the methods involved?

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