

Additional file 5

Patients' and informal caregivers' perspectives on Self-Management Interventions for Type 2 Diabetes Mellitus outcomes: a mixed-methods overview of 14 years of reviews

JBICritical Appraisal Checklist assessment

Study ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q10	Q11	SCORE
Albanese 2019	Yes	Yes	Unclear	Unclear	No	No	No	Yes	Yes	Yes	50%
Almutairi 2015	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Unclear	Yes	Yes	80%
Bennich 2017	Yes	Yes	Yes	Yes	Yes	Unclear	Unclear	Yes	Yes	Yes	80%
Biernatzki 2018	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	90%
Chen 2015	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%
Coffey 2018	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%
Davies 2013	Yes	Yes	Yes	Yes	Unclear	Unclear	Yes	Yes	Yes	Yes	80%
Ellis 2018	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	90%
Fleming 2009	Yes	Yes	Unclear	Yes	No	No	Yes	Yes	Yes	Yes	70%
Foss 2016	Yes	Yes	Unclear	Yes	Unclear	No	Yes	Yes	Yes	Yes	70%
Franklin 2018	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	90%
Frost 2014	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	90%
Gorst 2019	Yes	Yes	Yes	Yes	Yes	No	Yes	Unclear	Yes	Yes	80%
Graham-Rowe 2018	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90%
Ho 2010	Yes	Unclear	No	Yes	No	No	Unclear	Yes	Yes	Yes	50%
Horigan 2017	Yes	Yes	Unclear	Yes	No	No	Yes	Yes	Yes	Yes	70%
Inga-Britt 2018	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	80%
Jain 2020	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90%
Jalil 2015	Yes	Yes	Unclear	Yes	No	No	Unclear	Yes	Yes	Yes	60%
Jones 2017	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%
Joo 2019	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%
Kashim 2018	Yes	Yes	Yes	Unclear	Yes	Unclear	Unclear	Yes	Yes	No	60%
Kumar 2016	Yes	Yes	Unclear	Yes	No	No	Yes	Yes	Yes	Yes	70%

Li 2014	Yes	Yes	Unclear	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	80%
Li-Geng 2020	Yes	Yes	Yes	Yes	Yes	Unclear	Unclear	Yes	Yes	Yes	80%
Madsen 2019	Yes	Yes	Yes	Yes	Unclear	Unclear	Unclear	Yes	Yes	Yes	70%
Maine 2018	Yes	Yes	Yes	Yes	Unclear	Yes	Unclear	Yes	Yes	Yes	90%
Majeed-Ariss 2015	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	90%
Matricciani 2015	Yes	Yes	Yes	Yes	Yes	Unclear	Unclear	Yes	Yes	Yes	80%
Miller 2018	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90%
Nam 2011	Yes	Unclear	Yes	Yes	No	No	Unclear	Yes	Yes	Yes	60%
Ng 2015	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%
Peimani 2018	Yes	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	90%
Pennbrant 2019	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%
Polinski 2013	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	100%
Psarou 2018	Yes	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	90%
Pun 2009	Yes	Yes	Yes	Yes	No	No	Unclear	Unclear	Yes	Unclear	50%
Rai 2020	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	90%
Rouyard 2017	Yes	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	90%
Sarayani 2013	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	90%
Scarton 2014	Yes	Yes	Yes	Yes	No	No	Unclear	Yes	Yes	Yes	70%
Schmidt-Busby 2018	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	90%
Sibounheuang 2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%
Singh 2016	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	80%
Sohal 2015	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	No	80%
Spenceley 2006	Yes	Yes	No	Yes	Unclear	Yes	Unclear	Unclear	Yes	Yes	60%
Stiffler 2014	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	Yes	No	80%
Suglo 2020	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%
Vanstone 2017	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	70%
Verhoeven 2007	Yes	Yes	Yes	Yes	Unclear	Unclear	Yes	Yes	Yes	Yes	80%
Vongmany 2018	Yes	Yes	Yes	Yes	Yes	No	Unclear	Yes	Yes	Yes	80%
Walker 2019	Yes	Yes	Yes	Yes	Unclear	Unclear	Yes	Yes	Yes	Yes	80%
Wang 2012	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90%
Zeh 2014	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Yes	Yes	Yes	90%

- Q1. Is the review question clearly and explicitly stated?
- Q2. Were the inclusion criteria appropriate for the review question?
- Q3. Was the search strategy appropriate?
- Q4. Were the sources and resources used to search for studies adequate?
- Q5. Were the criteria for appraising studies appropriate?
- Q6. Was critical appraisal conducted by two or more reviewers independently?"
- Q7. Were there methods to minimise errors in data extraction?
- Q8. Were the methods used to combine studies appropriate?
- Q9. Was the likelihood of publication bias assessed? (not applicable in this set of studies)
- Q10. Were recommendations for policy and/or practice supported by the reported data?
- Q11. Were the specific directives for new research appropriate?

