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| Table 2a. Assessment of methodological quality of included studies according to COSMIN criteria8 |
| Study | AssessmentTools | Structural validity | Internal Consistency | Cross-cultural validity | Reliability | Measurement error |
| n | Meth. qual | Result | n | Meth. qual | Result | n | Meth. qual | Result | n | Meth. qual | Result | n | Meth. qual | Result |
| Demiris et al. 2001 | TMPQ |  |  |  | 32 | Very good | Cronbach’s α= 0.8 |  |  |  | 10 | Doubtful | ICC 0.98 |  |  |  |
| Yoder et al. 2012 | TMPQ |  |  |  | 25? | Doubtful | Cronbach’s α= 0.84 |  |  |  |  |  |  |  |  |  |
| Otten et al. 2015 | TSQ adapted21 |  |  |  | 47 | Inadequate | Cronbach’s α= 0.72 |  |  |  |  |  |  |  |  |  |
| Yip et al.2003 | TSQ | 38 | Inadequate | 3 factors (68%) |  |  |  |  |  |  | 38 | Inadequate | ICC= 0.43 |  |  |  |
| Parmanto et al. 2016 | TUQ |  |  |  | 53 | Doubtful | Cronbach’s α> 0.81 for all subscales |  |  |  |  |  |  |  |  |  |
| Bakken et al. 2006 | TSUQ adapted from the TMPQ |  |  |  | 346 | Very good | Cronbach’s α> 0.92 for all subscales |  |  |  |  |  |  |  |  |  |
| Allen et al. 1995 | Not specified |  |  |  | 21 | Inadequate | Cronbach’s α= 0.76 |  |  |  |  |  |  |  |  |  |
| Bradbury et al. 2016 | Not specified  |  |  |  | 57 | Inadequate | Cronbach’s α= 0.76 |  |  |  |  |  |  |  |  |  |
| Fatehi et al. 2015 | Adapted12, 21, 35 |  |  |  | 24 | Doubtful  | Cronbach’s α> 0.64 for all subscales |  |  |  |  |  |  |  |  |  |
| Host et al. 2017 | Adapted36 |  |  |  | 109 | Doubtful | Cronbach’s α= 0.76 |  |  |  |  |  |  |  |  |  |
| Jahromi et al. 2018 | Adapted |  |  |  |  |  |  |  |  |  | 10 | Doubtful | ICC= 0.93 |  |  |  |
| Mekhjian et al. 1999 | Not specified | 221 | Adequate | 2 factors (47%) | 221 | Very good | Cronbach’s α> 0.84 |  |  |  |  |  |  |  |  |  |
| TMPQ, Telemedicine Perception Questionnaire; TSQ. Telemedicine Satisfaction Questionnaire; TSUQ, Telemedicine Satisfaction and Usefulness Questionnaire; TUQ, Telehealth Usability Questionnaire, Meth. Qual= methodological quality |