Supplement 5: PRISMA-ScR flow diagram

Identification of studies via databases and registers

Identification of studies via other methods

Identification

4791 Records identified from:
- PubMed (n = 1109)
- Cochrane Library (n = 922)
- Web of Science (n = 1323)
- CINAHL (n = 1252)
- IEEE Explore (n = 185)

Records removed *before screening*:
Duplicate records removed
(n = 1773)

Records identified from citation searching
(n = 0)

Screening

Records screened (title & abstract)
(n = 3018)

Records excluded
(n = 2697)

Full-text articles to be assessed for eligibility
(n = 321)

Full-text articles excluded (n = 301):
- Study aim (no intervention) (n = 70)
- Cross-sectional studies (n = 46)
- TUG walking distance (other than 3 m) (n = 43)
- Mean age < 60 years (n = 35)
- Sample size (available for analysis) n < 20 (n = 32)
- iTUG not used (n = 23)
- Technology not body-worn (e.g. video recording) (n = 23)
- Publication type (e.g. posters) (n = 23)
- Unable to retrieve article (n = 4)
- Population (e.g. orphan diseases) (n = 2)

Records assessed for eligibility
(n = 0)

Included

Studies included in review (n = 20)