

1408 publications were searched out with PubMed (114), EMBASE (154), MEDLINE (OvidSP) (142), CDSR (3), Web of Science (138), Scopus (193), Compendex (142), IEEE Xplore (291), ScienceDirect (59), Wiley Online Library (1), Digital Dissertations (45), Academic Search Premier (91), SpringerLink (35).

722 duplicates

686 publications were selected from major databases by one reviewer.

159 publications were selected based on titles by one reviewer.
Criteria: Robot and Ankle Rehabilitation.

63 publications were selected based on abstracts by one reviewer. (Some studies one reviewer was not sure whether to include or not were discussed among three reviewers)
Criteria: Robot and Ankle Rehabilitation

10 publications were selected based on free search in Google Scholar to check whether or not there are new materials by one reviewer.
Criteria: Robot, Ankle Rehabilitation and Effectiveness

29 publications remained after reading full text by one reviewer and data extraction were conducted by two primary reviewer with discrepancies solved through input from the third reviewer.
Criteria: Robot, Ankle Rehabilitation and Effectiveness.