Potentially relevant articles identified through database searching PubMed (n=1540), Embase (n=1501), WoS (n=979)

Articles after duplicates removed (n=2276)

Articles excluded based on title and abstract (n=2157)

Full-text articles assessed for eligibility (n=119)

Articles excluded (n=100):
- no longitudinal design (n=53)
- patient population (n=9)
- no health measure (n=32)
- articles not published in English (n=6)

Articles included from the reference lists of the selected studies (n=3)

Articles included in systematic review (n=22)