

**Supplementary Table 2. Quality Assessment Criteria Through Newcastle-Ottawa Scale (NOS)**

NOS criteria	Studies (year)	
	Lee et al (2017)	Herrick-Reynolds et al (2021)
A. Selection (maximum of four stars)		
1. Representativeness of the exposed cohort	★	★
2. Selection of the non-exposed cohort	★	★
3. Ascertainment of exposure	★	★
4. Demonstration that outcome of interest was not present at start of study (no bone disease at start of study)	★	★
B. Comparability (maximum of two stars)		
1. Comparability of cohort on the basis of the design or analysis	★★☆	★★☆
C. Outcome (maximum of three stars)		
1. Assessment of outcome	★	★
2. Was follow-up long enough for outcomes to occur	★	★
3. Adequacy of follow-up of cohorts	★	★
Total (maximum of nine stars)	8	8