

Table S4. Risk of bias of cohort studies based on the Newcastle-Ottawa Scale.

Study	Selection	Comparability	Outcome	Overall merit
von Arx et al. 2007 [14]	★★★★	★	★★★	8 stars
Kim E et al. 2008 [15]	★★★★	★	★★★	8 stars
Song et al. 2013 [51]	★★★★	★	★★★	8 stars
Song et al. 2013 [13]	★★★★	★	★★★	8 stars
Song et al. 2011 [26]	★★★★	★	★★★	8 stars
von Arx et al. 2012 [53]	★★★★	★	★★★	8 stars
Song et al. 2012 [9]	★★★★	★	★★★	8 stars
Lui et al. 2014 [10]	★★★★	★	★★ ^{c)}	7 stars
Song et al. 2018 [11]	★★★★	★	★★★	8 stars
Kim D et al. 2020 [54]	★★★★	★	★★★	8 stars
Huang et al. 2020 [52]	★★★ ^{a)}	★	★★ ^{c)}	6 stars
Yoo et al. 2020 [17]	★★★ ^{b)}	★	★★ ^{c)}	6 stars

^{a)} The exposed cohort was not representative because there were only 4 roots with periodontal involvement in a total sample of 95 roots; ^{b)} The exposed cohort was not representative because there were only 9 teeth with periodontal involvement in a total sample of 225 teeth; ^{c)} Recall rate < 50%.