

Table S1. Reason for article exclusion

Reference	Reason for exclusion
Dasmah et al [29]	Prospective study
Cannizzaro et al [30]	Lack of using only short implants in the comparison group
Romeo et al [31]	Treatment in mandibular arch
Rossi et al [32]	Lack of using standard implants and sinus floor elevation in the comparison group
Shi et al [33]	No data available
Nedir et al [34]	Lack of using only short implants without sinus floor elevation in the comparison group
Toljanic et al [35]	No use of short implants
Gherlone et al [36]	Prospective longitudinal study
Cannizzaro et al [37]	Lack comparison short implant (≤ 6 mm) and standard implants (≥ 8 mm) and sinus floor elevation in the same study
Storelli et al [38]	Lack of using standard implants and sinus floor elevation in the comparison group
Naenni et al [39]	Lack of using standard implants and sinus floor elevation in the comparison group
Meloni et al [40]	Lack of using only short implants in the comparison group
Testori et al [41]	Prospective study
Slot et al [42]	All-on- six concept
Qian et al [43]	Lack of using only short implants in the comparison group
Velasco-Ortega et al [27]	Lack of using only short implants in the comparison group
Gulje et al [44]	Short implant in mandibular posterior region
Zadeh et al [45]	Follow-up 3 years
Barausse et al [46]	Follow-up 3 years

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