

Supplementary material 2

Population classified by pathology		Clinical Outcome							
		Author (year)	Pain	Swelling	Fracture site mobility	Attachment level gain	Bite force	Increment of density	Bone mineral density
Bone fracture (n = 5)									
Bone fracture at various sites (n = 1)	Lingram (2014)		↓						
Maxillofacial fracture (n = 3)	Singh (2013)		↓	↓	↓	↔			
	Nayak (2019)		↔	↔	↔		↔	↔	
	PG (2023)		↔	↔	↔				
Total			4	2	3	2	1	1	0
Oral cavity bone diseases (n = 4)									
Mandibular alveolar ridge distraction (n = 1)	Altaweel (2021)								↓
Implant placement (n = 1)	Managutti (2015)		↓	↓					↓
Total			1	1	0	0	0	0	1
Metabolic bone diseases (n = 1)									
Postmenopausal women with osteopenia (n = 1)	Benjawan (2022)							↔	
Total			0	0	0	0	0	1	0
Total (10)			5	3	3	2	1	1	1

↑ significant increase
 ↓ significant decrease
 ↔ no significant change

0 1 2 3 4 5
 number of studies

Figure S2. Overview of clinical outcome parameters across the included studies