

The data generated or analysed during this study :

Text 1

Stress distribution around single implants and the distal implants of All-on-4

The inclination of implant(°)			
	0	15	45
Single implant	2.65 (apex) 1.0 (neck)	2.35 (apex) 1.39 (neck)	2.35 (apex) 3.0 (neck)
distal implants of All-on-4	2.35 (apex) 0.8 (neck)	1.82 (apex) 1.22 (neck)	2.0 (apex) 2.65 (neck)

Text2

Fringe order around the distal implants when loading at the first molar

Inclination of distal implant(°)	Cantilever length(mm)	Fringe order	
		neck	apex
0	20.5	4.1	3.65
15	18.2	3.65	3.1
45	9.8	2.5	2.35

Fringe order around the distal implants with different cantilever length under a 150N load

Cantilever length (mm)	Inclination of distal implant(°)		
	0	15	45
0	1.08(apex) 0.6 (neck)	1.39(apex) 1.08 (neck)	1.82 (apex) 2.0 (neck)
5	2.0 (apex) 0.8 (neck)	1.82 (apex) 1.39 (neck)	2.35(apex) 2.35(neck)
10	2.35 (apex) 1.22 (neck)	2.0 (apex) 2.0 (neck)	2.65(apex) 2.65 (neck)
15	3.1 (apex) 2.0 (neck)	2.35 (apex) 2.65 (neck)	3.1 (apex) 3.65 (neck)