

Supplemental Table 1. Mean values and standard deviation (SD) of implant stability measured by implant stability quotient (ISQ) and insertion torque (IPT) depending on bone quality and defect size

Bone quality	Defect size	Implant 2.0 x 9 mm				Implant 2.0 x 11 mm				Implant 2.3 x 9 mm				Implant 2.3 x 11 mm			
		IPT (Ncm)		ISQ		IPT (Ncm)		ISQ		IPT (Ncm)		ISQ		IPT (Ncm)		ISQ	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
D1	No defect	26.73	1.79	56.73	9.06	37.53	3.02	58.43	2.98	30.13	1.51	61.43	1.07	33.53	2.10	62.43	1.21
	Three-wall	16.73	1.79	53.23	2.31	28.33	5.74	59.33	5.62	18.53	4.16	53.53	4.01	23.13	3.42	56.63	1.08
	One-wall	15.53	2.39	48.43	2.21	19.53	2.10	51.33	1.64	16.13	2.64	54.13	2.75	20.93	1.53	52.63	2.17
	Circumferential	12.13	1.36	24.83	2.45	17.73	4.22	29.73	1.98	11.33	2.16	36.13	4.73	15.73	1.67	38.13	2.94
D2	No defect	24.93	1.53	58.33	1.44	31.33	2.92	58.83	1.05	26.93	1.53	62.13	1.03	27.93	1.67	59.83	1.91
	Three-wall	14.33	1.72	55.33	1.40	19.13	4.41	53.73	2.19	12.33	2.16	56.73	1.62	15.93	2.22	56.33	1.28
	One-wall	7.73	1.39	48.33	0.88	11.53	4.26	50.43	2.81	9.33	1.84	44.73	5.56	13.33	1.59	50.13	1.17
	Circumferential	6.33	1.29	23.53	1.76	9.13	1.77	22.33	2.68	6.33	1.29	25.53	6.52	9.33	1.29	30.73	4.06
D3	No defect	16.93	1.53	54.03	1.76	25.33	4.34	56.53	2.53	19.33	2.26	57.93	1.02	21.73	1.39	58.93	2.01
	Three-wall	6.73	1.53	47.33	2.82	10.73	1.91	50.33	4.89	6.73	1.53	57.43	1.52	7.33	2.06	53.33	1.28
	One-wall	6.73	1.53	40.23	2.16	7.33	2.61	46.53	1.38	6.33	1.45	49.73	1.98	8.33	1.72	50.43	2.42
	Circumferential	1.53	1.36	18.53	1.76	7.13	2.29	20.13	1.88	1.53	1.36	12.33	5.88	4.53	1.77	24.73	4.65
D4	No defect	14.53	1.51	58.53	2.12	16.93	2.22	49.53	2.19	13.73	1.79	50.53	1.76	13.53	1.51	55.23	3.70
	Three-wall	5.13	2.39	43.53	3.29	7.13	1.88	49.23	3.87	5.13	1.64	40.33	7.17	7.13	1.36	45.73	1.75
	One-wall	4.80	2.83	38.13	6.65	4.27	2.31	38.13	6.65	3.07	2.31	38.13	5.86	4.33	2.16	41.93	2.14
	Circumferential	0.87	0.92	20.33	7.57	0.87	0.92	24.53	4.99	0.87	0.92	28.03	6.78	0.87	0.92	40.33	2.25
HB	No defect	10.13	2.10	60.53	2.17	13.73	6.85	58.53	2.12	14.33	2.53	63.23	2.57	14.53	1.77	60.73	6.22
	Three-wall	8.73	2.22	58.53	2.12	8.13	2.00	57.73	2.28	11.13	1.64	53.33	3.96	11.13	1.64	55.23	7.13
	One-wall	7.93	1.79	56.73	1.33	6.73	3.24	56.83	1.32	5.93	1.39	51.63	6.66	11.13	2.64	55.13	8.05
	Circumferential	6.73	3.10	35.43	2.69	6.53	2.00	35.53	2.38	7.73	2.66	46.73	3.59	8.73	3.73	47.33	1.28