

# The figures behind the facts

The tables present the average marginal bone level change from the respective studies, divided in 5, 3, 2 and 1 year follow-up. The figures demonstrate an average marginal bone level change of less than 0.3 millimeters for Astra Tech Implant System™ after 5 years follow-up.

## Five years follow-up

Ref.	First author	Mean MBL <sup>a</sup> change (mm)	Follow-up period (years)	No. of patients	Restorations <sup>b</sup>	Implant survival (%)	Loading <sup>c</sup>
4	Arvidson et al. 1998 <sup>d</sup>	0.26	5	107	F	98.7	3
5	Cecchinato et al. 2008 <sup>f</sup>	0.07 <sup>#</sup>	5	84	F	no info	3 •
6	Chang et al. 2010	0.38	5	43	F	no info	3
7	Cooper et al. 2008	+ 0.09	5	59	OD	95.9	2 •
8	Davis et al. 1999	0.15 <sup>#</sup>	5	25	OD	92	3
9	Gotfredsen et al. 2000	0.20	5	26	OD	100	3
10	Gotfredsen et al. 2001	0.37 <sup>#</sup>	5	50	F	97.6	3
11	Gotfredsen 2004	0.30 <sup>#</sup>	5	20	S	100	3
12	Makkonen et al. 1997	0.48	5	33	F, OD	98.7	3
13	Palmer et al. 2000 <sup>h</sup>	+ 0.12 <sup>#</sup>	5	15	S	100	3
14	Wennström et al. 2004	0.41	5	51	F	94.1	3
15	Wennström et al. 2005	0.11	5	40	S	97.4	3
16	von Wowern et al. 2001	0.24 <sup>#</sup>	5	22	OD	100	3
17	Åstrand et al. 2004 <sup>i</sup>	0.26 <sup>#</sup>	5	33	F	98.4	3

<sup>a</sup> Mean marginal bone level change reported: measured from baseline (implant loading) to the end of the follow-up period;

<sup>#</sup> the bone level change is presented for different subgroups and a new mean has been calculated;

<sup>§</sup> median is reported

<sup>b</sup> S= single tooth; F= fixed restoration; OD= overdenture

<sup>c</sup> 2= early load; 3= conventional load; •= 1-stage surgery

<sup>d, e</sup> Report on the same material

<sup>f, g</sup> Report on the same material

<sup>h, i</sup> Report on the same material

<sup>i, k</sup> Report on the same material

<sup>l, m</sup> Report on the same material

### Three years follow-up

Ref.	First author	Mean MBL <sup>a</sup> change (mm)	Follow-up period (years)	No. of patients	Restorations <sup>b</sup>	Implant survival (%)	Loading <sup>c</sup>
18	Arvidson et al. 1992 <sup>e</sup>	0.01 <sup>§</sup>	3	54	F	98.1	3
19	Cooper et al. 2007 <sup>l</sup>	0.42	3	48	S	94	2 •
20	Engquist et al. 2002 <sup>k</sup>	0.24 <sup>#</sup>	3	33	F	98.9	3
21	Lee et al. 2007	0.38 <sup>#</sup>	3	17	F	100	3
22	Palmer et al. 2005	0.13	3	19	F	no info	3
23	Yi et al. 2001	0.21	3	43	F	100	3

### Two years follow-up

Ref.	First author	Mean MBL <sup>a</sup> change (mm)	Follow-up period (years)	No. of patients	Restorations <sup>b</sup>	Implant survival (%)	Loading <sup>c</sup>
24	Bilhan et al. 2010	0.66	2	no info	F	100	3
25	Cecchinato et al. 2004 <sup>g</sup>	0.10 <sup>#</sup>	2	84	F	no info	3 •
26	Goffredsen et al. 1993	0.31	2	20	OD	97.5	3
27	Karlsson et al. 1998	0.24	2	50	F	97.7	3
28	Karlsson et al. 1997	0.31	2	47	S	100	3
29	Palmer et al. 1997 <sup>i</sup>	0.01	2	15	S	100	3
30	van Steenberghe et al. 2000	0.20	2	18	F	100	3

### One year follow-up

Ref.	First author	Mean MBL <sup>a</sup> change (mm)	Follow-up period (years)	No. of patients	Restorations <sup>b</sup>	Implant survival (%)	Loading <sup>c</sup>
31	Cooper et al. 2001 <sup>m</sup>	0.40	1	52	S	96.2	2 •
32	Kemppainen et al. 1997	0.13	1	37	S	97.8	3
33	Kim et al. 2010	0.06 <sup>#</sup>	1	12	F	100	3
34	Nordin et al. 1998	0.05	1	10	F	100	3
35	Veltri et al. 2008	0.30	1	12	F	100	3