

Simplant[®] Guide gives significantly improved accuracy

NEWLY PUBLISHED RESULTS WITH DENTSPLY SIRONA IMPLANTS PRODUCTS

Simplant[®] Guide

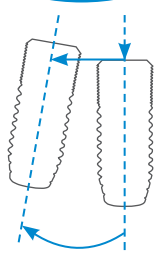
compared to freehand

>3 times higher accuracy

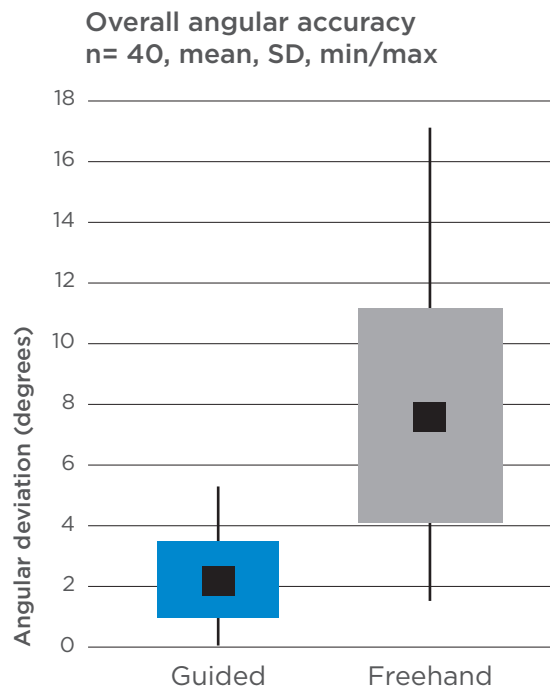
10 experienced* surgeons placed implants freehand or with guides, in a model of the anterior maxilla. Accuracy of planned and actual implant placement was compared by scanning and analysis in Mimics Software.

Significantly higher accuracy evaluating:

**Angular
Lateral
Depth**



Actual and planned positions



40
Guides**

* Experienced surgeons was defined as: minimum of 10 years of implant dentistry experience and 300 to 1000 implant installations yearly.

** Tooth-supported Simplant guides with 4 mm high titanium inserts for either single or multiple edentulism.



Vermeulen J. The accuracy of implant placement by experienced surgeons: Guided vs freehand approach in a simulated plastic model. Int J Oral Maxillofac Implants 2016;E-pub Oct 14, doi: 10.11607/jomi.5065. [Abstract](#)



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