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3Shape TRIOS #1 in complete-arch accuracy study

Copenhagen, January 15, 2020 – The Journal of Prosthetic Dentistry has just released a new study comparing the trueness and precision of three intraoral scanners: 3Shape TRIOS 3, Medit i500 and Planmeca Emerald

The in vitro study of complete-arch accuracy found the 3Shape TRIOS 3 to be significantly more precise than the two other scanners with the Medit i500 considered the least precise.

In terms of trueness, a significant difference between the scanners was also found. The 3Shape TRIOS 3 was determined the most accurate along with the Medit i500.

The ability of the scanners to reproduce the files of the reference scanner without overestimation or underestimation was also tested during the research. The TRIOS 3 and Emerald did not significantly either underestimate or overestimate the files of the gold standard. The Medit i500 produced files that significantly underestimated the reference scanner's files.

The study's conclusion stated: in terms of dentate complete-arch precision, 3Shape TRIOS 3 was the statistically more precise scanner. With the Medit i500 producing files that significantly underestimated the reference scanner files.

The comparison study was conducted by Dr. George Michelinakis, DDS, MSc, MPhil, Dr. Dimitrios Apostolakis, DDS, MSc, MSc, Dr. Andreas Tsagarakis, DDS, Mr. George Kourakis, BSc and Mr. Emmanuil Pavlakis, CDT.

The study can be found at:

https://www.researchgate.net/publication/338140927_A_comparison_of_accuracy_of_3_intraoral_scanners_A_single-blinded_in_vitro_study

Discover more about 3Shape TRIOS intraoral scanners: <https://www.3shape.com/en/scanners/trios>

About 3Shape

3Shape is changing dentistry together with dental professionals across the world by developing innovations that provide superior dental care for patients. Our portfolio of 3D scanners and CAD/CAM software solutions includes the multiple award-winning 3Shape TRIOS intraoral scanner, the upcoming 3Shape X1 CBCT scanner, as well as market-leading scanning and design software solutions for both dental practices and labs.

Two graduate students founded 3Shape in Denmark's capital in the year 2000. Today, 3Shape has over 1,500 employees serving customers in over 100 countries from an ever-growing number of 3Shape offices around the world. 3Shape's products and innovations continue to challenge traditional methods, enabling dental professionals to treat more patients more effectively. www.3shape.com

