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3Shape and Ivoclar Vivadent take orthodontic treatment simulation and smile design to the next level with AR technology

New collaboration integrates Ivoclar Vivadent's IvoSmile with 3Shape orthodontic and restorative applications

Copenhagen, May 2, 2019 – 3Shape and Ivoclar Vivadent announce the integration of Ivoclar Vivadent's IvoSmile Augmented Reality technology with 3Shape orthodontic and restorative applications.

The collaboration enables orthodontists, dentists, and lab professionals to take advantage of Ivoclar Vivadent's IvoSmile when using 3Shape TRIOS Treatment Simulator for orthodontics and 3Shape restorative design software.

IvoSmile, powered by Kapanu, the AR-technology company within the Ivoclar Vivadent group, uses augmented reality for real-time visualization during consultation for esthetic dental makeovers directly on the patient in 3D. IvoSmile uses live patient images taken on an iPad or iPhone.

Coupled with 3Shape orthodontic and restorative applications, the integration now creates a very powerful and emotional consultation tool for patient engagement and to promote treatment acceptance.

Orthodontists can first simulate an orthodontic treatment using the TRIOS Treatment Simulator app, which is included with the TRIOS 3 and TRIOS 4 intraoral scanners. They then use IvoSmile as a "virtual mirror" to visualize the orthodontic treatment proposal created by the TRIOS Treatment Simulator app directly in the patient's face. The patient can freely move their head with IvoSmile to view the treatment proposal from all angles.

IvoSmile augments patient teeth images to show the proposed orthodontic treatments and restorative esthetic options. While the 3Shape TRIOS Treatment Simulator app proposes orthodontic treatments using animated teeth based on an intraoral scan.

"We are very excited about the collaboration with Ivoclar Vivadent. The integration gives dental professionals using 3Shape's open solutions another fantastic tool to engage their patients with. For patients, it will make the treatment decision-process so much simpler, more visual and exciting," says 3Shape Vice President for Product Strategy, Rune Fisker.

Attendees at the annual AAO orthodontic conference in Los Angeles, can see demos of the integrated solution at the 3Shape booth #1436.

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

About Ivoclar Vivadent and Kapanu

Ivoclar Vivadent, headquartered in Schaan, Liechtenstein, is one of the world's leading manufacturers of innovative material systems for high-quality dental applications. The company's success is based on a comprehensive portfolio of products and systems, strong research and development capabilities and a clear commitment to training and further education. The company has wholly owned subsidiaries in 25 countries, and it employs about 3,500 people worldwide. More information about Ivoclar Vivadent is available at www.ivoclarvivadent.com.

Kapanu AG was founded as startup and spin-off from ETH Zurich, Switzerland in 2015 and has been part of the Ivoclar Vivadent Group since 2017. Kapanu consists of a team of scientists and developers who specialize in producing leading-edge software for the dental industry. In cooperation with Ivoclar Vivadent, innovative dental applications are being developed that combine real processes with the digital world to facilitate dental diagnostics, case analysis and treatment therapies using augmented reality.

