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Rapid Shape's D30+ Ortho Latest Printer to Be Validated for Use with CS Model+

ATLANTA—Practices can now conveniently design and print clear aligners in-office when they combine CS Model+ v5 software and Rapid Shape's D30+ ortho, the latest printer to be validated by Carestream Dental.

"We continue to see rising demand for in-house clear aligners so this partnership with Rapid Shape will help us expand the digital ecosystem for our mutual customers," Ed Shellard, D.M.D., chief dental officer, Carestream Dental, said.

A recent report* found that that standalone practices gained the most share in 2019 in providing clear aligners to patients. This is due in part to technological advancements, like in-house 3D printers and intraoral scanners, that make it easier and more affordable for practices to offer chairside aligners.

Users of a CS 3600 or CS 3700 intraoral scanner can offer their patients that same convivence. Once a scan is captured, CS Model+ v5 uses artificial intelligence to automate much of the design process. Because the software provides a degree of difficulty index, users have more confidence of success when starting cases and creating intermediary treatment steps.

After the case is designed, it can be sent to the D30+ ortho. The D30+ ortho is a high quality DLP printer with patented Force Feedback technology, featuring long lifetime and consistent quality over time at an attractive price level. Tailormade for ortho indications, this system features an extra-large build area and produces validated ortho models and individual trays. Furthermore, the temperature-controlled resin reservoir provides process stability. The fast, accurate and reliable ortho printer can print up to six models in 20 minutes.

"Rapid Shape's user-friendly DLP printer and Carestream Dental's CS Model+ v5 software can keep up with demand for clear aligners," Andreas Schultheiss, CEO, Rapid Shape, said. "With Carestream Dental, we have a high-quality partner on our side to expand and enhance the Rapid Shape portfolio. We are looking forward to working with Carestream Dental to provide more validated 3D printers."

To learn more about Carestream Dental's aligner workflow, which includes intraoral scanners and CAD software, visit carestreamdental.com or carestreamdental.com/validatedprinters.

*Clear View Research. (2020). Global \$6 Billion Clear Aligners Market to 2027 - Growing Demand for Customized Aligners (Report No. 5144625). Research and Markets <https://www.researchandmarkets.com/r/y7cr2>

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About Rapid Shape

Rapid Shape is a German company that specializes in the development and manufacture of high-end systems for additive printing. Rapid Shape has positioned itself as one of this industry's leaders through proprietary technology that has set new standards in speed, reliability and precision. Rapid Shape provides solutions for industrial, dental, hearing aid and jewellery markets. Precision, quality, and cooperation with sales, material and technology partners distinguishes this company from its competitors. For further information about Rapid Shapes 3D printers please visit www.rapidshape.de

About Carestream Dental

Carestream Dental is committed to transforming dentistry, simplifying technology and changing lives. In this pursuit, we focus on providing the latest in high-quality scanning technology, the smartest chairside systems, the most intuitive practice management software, incredibly accurate imaging software and the data intelligence that helps continually refine patient outcomes. And we offer these solutions for the full range of dental and oral health professionals. For more information please visit carestreamdental.com.