Meet Carestream’s CS 3500 Intraoral Scanner. A game changing paradigm shift

By Ernesto Jaconelli

A major part of the Carestream Dental CS Solutions CAD CAM restorative Dentistry system is the CS 3500 Intraoral Scanner. Fully portable, powder free and capturing true colour the CS 5500 takes dental digital scanning to a higher level. And because Carestream Dental’s CS Solutions is an open system where any one of the parts can be taken separately, many Dentists have chosen to take their first steps into digital restoration by investing in the CS 5500.

The USA web site publication, PCL-USANews (Precision Ceramics Dental Laboratory) recently reviewed the CS 5500. This is what they had to say:

“Our newsletter style guide allows superlatives such as ‘game changer’ and ‘paradigm shift’, when reporting on dental products. However, when it came time to write about the CareStream CS 5500 Intraoral Scanner, we had to break the rules. This small, easy to use, no powder, no fee-per-use scanner crashes the cost of entry. The CS 5500 scanner represents a paradigm shift in much the same manner as PCs did to mainframe computers four decades ago.

CareStream launched the CS 5500 Intraoral Scanner at the 2013 American Dental Association Annual Meeting in New Orleans as an integral part of their CAD/CAM portfolio, which includes their CS Restore design software, and CS 5000 Milling Machine. The CS 5500 is an open-format intraoral scanner that captures high-resolution images with 50-micron accuracy using True Color technology, and provides exceptional patient-focused flexibility. Doctors can send restoration cases directly to a lab, such as Precision Ceramics or another third party, or to the system’s chair-side mill.

PCDL News had the opportunity to review this scanner in the field with dentists and work with files in the Precision Ceramics lab design center. Our team came away impressed and learned why Keith Nelson, Western Regional Sales Specialist for CareStream Dental uses the acronym “WIN” when describing the system. “It is a simple, easy way to explain the CS 3500.” He says. “WorkFlow, Integration, and No Fees,” and this is where the paradigm shift begins.

System integration with the CS 3500 is unique to scanning technology and mirrors other open architecture computer platforms. There is no need for a trolley and the scanner integrates directly with the imaging platform, which in turn integrates with most practice management systems. Consequently, the practice does not need a second database for intraoral scans, as the data stores automatically within the patient’s record in the same manner that other types of images are stored. Single source integration reduces admin time and simplifies practice record keeping.

Since the unit is an open architecture program, one can connect it to any laptop or desktop via a USB 2.0 or USB 3.0 connection. Nelson pointed out that CareStream believed it was important to provide doctors with system flexibility, which is why they did not use proprietary acquisition hardware. “Being able to move the scanner from operator to operator without carrying a laptop or pushing a trolley makes the system easier to use and allows it to integrate directly into an office’s existing network.”

In summary, the CareStream CS 3500 provides easy to learn, easy to use, highly accurate, open architecture system, with a low-cost port of entry. Add up all of these phases and you have a scanner that is a ‘game changer’, and the way forward for intraoral scanning technology.

Read the whole review on: http://www.pcdl-usanews.com/2014/06/05/meet-carestream-cs-3500-intraoral-scanner/

Carestream Dental will once again be attending the 6th Dental Facial Cosmetic International Conference held in Dubai on 14-15 November at Jumeirah Beach Hotel.

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