Predictability in Implant Planning with 3D Imaging - Clinical Case Report

By Norberto Velázquez, DDS

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By taking advantage of powerful 3D imaging, granting practitioners greater predictability and confidence in preparing for extractions, performing root evaluations, and placing implants.

The new 3-in-1 Imaging Solution: Pan. Ceph. 3D

The new GXP-700 System offers several functionalities that benefit my patients. The advantage of the extra dimension to both diagnosis and treatment planning can be upgraded within your own timeline and budget.

With the scan, I can inform patients of my implant treatment plan, and show them how the surgery will proceed. They gain confidence in my knowledge of their dental anatomy even before surgery begins. Before 3D, a surprise could pop up during surgery. Then, the patient would be disappointed that he or she was not going to get an implant immediately, but needed an additional procedure first, such as grafting. My patients understand that I have implemented this technology for the sake of their dental health.

For a dentist, the opportunity for improved diagnostic capabilities is always a benefit to the patient. While they are not always directly aware of all the advantages, the information that I obtain from these pans and scans is beneficial for their care. I witness these benefits every day, in increased patient communication and more successful treatment outcomes.
Restoration is becoming Easier and Affordable for all Dental Practices

By Norberto Velázquez, DDS

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c's Solutions is the title name for the new CAD-CAM system from Carestream Dental that was launched in the Middle East at AEEDC last February. The system consists of an intraoral scanner, CBCT impression scanning system, restoration design software, and chair side milling machine. All of the parts are separate creating an open Web-based system that enables dentists to use the complete product family or choose any of the products as a stand-alone unit. The benefit that this offers is an easy sharing of restoration cases between dentists and laboratories.

The important thing about any system is not having to be tied into using every individual product, software or consumable that is incorporated in that system. Although this may be beneficial if you feel there is security in working with one single supplier you may on the other hand prefer the features of another supplier’s product that you want to use instead of the one that is provided.

At Carestream Dental we have seen many Dentists choose the CS 5900 Scanner to capture images for their digital restoration work. They have preferred the elegant slim and easy to use design of the scanner which makes it simpler and more reliable to capture detailed scans of the patient's teeth that can then be e-mailed to their laboratory for completion.

The CS 5500 scans patients’ teeth directly to acquire true colour, 2D and 3D images. With an average precision of 50 µm, the CS 5500 scans to a depth ranging from -2 to +43 mm and offers high-angulation scanning of up to 45 degrees. It features a light guidance system that enables dental professionals to focus more on patients’ mouths while capturing data by limiting the time practitioners need to watch a monitor during scans. The CS 5900 also has an internal heater that prevents the mirror from fogging during digital impression acquisitions. To further streamline the scanning process, the scanner does not require a trolley or the use of powder, saving practitioners time and making the experience more pleasant for patients.

Here is what Leading dentists have had to say about their experiencing using the CS 5900.

Dr. Carsten Stockleben
Hanover, Germany
http://www.stockleben.com/

“With the CS 5500, it's easy. You just say 'I want my scanner,’ put it in, and start. It's small, it's light, it can be connected to any computer via USB, so I don't have to have a big trolley with a computer and a monitor that have to be driven around the operatories. You don’t need powder, you don’t have to mess around in the patient’s mouth, keep it dry, put the powder in, and so on. It makes it much easier. It’s got a guiding system and that allows me to concentrate and take the impression or the scan in the mouth, and that's fantastic.”

Dr Dan DeRose
North River Dental
Ellenton, FL, USA
www.northriverdental.com

“By using the CS 5500 intraoral scanner, we eliminate many of the problems that come with using impression materials and pouring casts—all you have to do is scan the tooth and send the data to your restoration software or the lab. But probably the most important feature of the whole scanner is something so simple—that it's not connected to a trolley. It's not connected to a tower or a work station. You're going to be able to take this light, ergonomic scanner and plug it right into your workstation in the opera tory, quickly and easily.”

http://www.stockleben.com

Digital restoration and all the benefits it can bring to every day dentistry, is now available for all dentists to use. The next step is to learn about the technology and to visit the exhibitions and congresses where you can see what is on offer. Carestream Dental will be exhibiting in Dubai at:

CAD/CAM & Digital Dentistry International Conference on 9-10 May 2014
Dental Facial & Cosmetic International Conference on 14–15 November 2014
AEEDC 17-19 February 2015

But if you need to talk, to someone now then please do not hesitate to contact me on: ernesto.jaconelli@carestream.com

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**Isolite wins 2014 Scandefa Award in Copenhagen**

By Dental Tribune International

**COPENHAGEN, Denmark:** Reporting on this year’s Scandefa, the organisers announced that over 10,000 visitors and about 200 exhibitors mainly from Denmark, Sweden and Germany attended the Scandinavian dental trade show from 2 to 5 April. At the opening of the show, dental equipment provider Unident was given the 2014 Scandefa Award for the Isolite oral isolation system.

Isolite is a single-use isolation mouthpiece that retracts and protects the patient’s cheeks and tongue, increasing patient safety. It obstructs the entrance to the throat, which not only adds to patient comfort, but also allows the dentist to monitor the patient’s airway.

“Using Isolite, practitioners can achieve optimal control of the oral environment and make the treatment more comfortable for the patient at the same time,” Marinette Larsson, Chief Marketing Officer at Unident, told Dental Tribune ONLINE in Copenhagen.

The mouthpiece, which is available in five different sizes, was developed by Isolite Systems, a US medical device manufacturer that specialises in dentistry. Unident is the exclusive supplier of the system in Scandinavia. Founded in 1982, the company today has offices in Stockholm in Sweden, in Horten in Norway, and Copenhagen in Denmark.

The next Scandefa will be held from 15 to 17 April 2015. The annual Scandefa Award recognises the most innovative dental products on the Danish market.

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