DENTAL TRIBUNE STUDY CLUB
LIVE SYMPOSIUM
FDI MADRID
August 29–September 1, 2017

PAVILION 7, BOOTH A16–20, B13–17

WEDNESDAY, AUGUST 30, 2017

12.00–13.00  PRACTICE DENT  Michael Vuzharov
A full-service dental management ecosystem

13.00–14.00  BPP UNIVERSITY  Prof. Maher Almasri
Placing implants below the maxillary sinus—Challenges and solutions

14.00–15.00  DT STUDY CLUB  Priscilla Pereira
Armonización facial con toxina botulínica y ácido hialurónico*
*Lecture will be held in Spanish.

THURSDAY, AUGUST 31, 2017

12.00–13.00  PRACTICE DENT  Michael Vuzharov
A full-service dental management ecosystem

13.00–14.00  BPP UNIVERSITY  Prof. Maher Almasri
Placing implants above the inferior alveolar nerve

www.DTStudyClub.com
El motor quirúrgico ultrasónico con Piezotome CUBE

Piezotome CUBE es compatible con todos los punzantes de ACTEON. Cada uno de ellos es extremadamente resistente gracias a que su superficie ha sido tratada especial- mente. La vibración puede controlarse totalmente para curtes fluidos y suaves. Piezotome CUBE viene con el kit Esential, una selección de ACTEON's más populares de punzantes.

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WHITE TEETH
STRONG ENAMEL
FRESH BREATH

WHITE TEETH DUE TO
HYDROXYLAPATITE

CURAPROX
BLACK IS WHITE
CHEW FOR WHITE
WITH ACTIVATED CHARCOAL

#chewforwhite
#chewinggum
#whitening
Veraview X800 de Morita impresiona no sólo por su moderno diseño, sino también porque proporciona imágenes S3D, panorámicas y céfalométricas extrema- damente nítidas. Según la empresa, el sistema ofrece una calidad de imagen brillante con un tamaño de voxel de 80 μm y una resolución de 2.515/mm MTF 10%. La unidad permite realizar escaneados en 3-D, panarómicos y cefalométricos altamente precisos, tanto en modo de 180° como de 360°. El um- plío especifico proporcionado por once campos de visión (FOV) cubre muchos campos especializados de la odontología, por lo que la terminología.

Con el fin de aumentar la nítidez de las imágenes y minimizar las artefactos, el Veraview X800 utiliza un haz de rayos X horizontal que se desplaza en 5 grados. Por lo tanto, suprime en los escaneados panarómicos las sombras disruptivas en el paladar duro. Los ra- yos X se pueden volver a calcular utilizan- do la función de reconstrucción del zoom. Una imagen de voxel de 80 μm, por ejemplo, se puede reconstruir a partir de un escane de voxel de 125 μm sin tener que enviar o cargar el archivo a partes exter- nas para su validación.

Aadva IOS 200: A sneak peek into the future of oral scanning
Aadva IOS 200: un anticipo del futuro del escaneo intraoral

Más seguridad y precisión en tercera dimensión

Some things are so exciting they just can’t wait, and one is the world’s most advanced endodontic scanner, made by global dental specialist GC. The poten- tial for digital impressions is huge and extremely attractive for dentists, and the Aadva IOS 200 will make it easier than ever to take the plunge. The de- velopers at GC place great importance on ergonomics and an intuitive work- flow, and Aadva IOS 200 will excel in these areas. The system features a completely redesigned handpiece as well as highly accurate scanning and fast scan speeds. The control and dis- play features are also designed with in- tuitive operation and optimal ergo- nomics in mind.

Among the user-friendly features of the Aadva IOS 200 are the remov- able autoclavable tip, which con- tributes to a hygienic practice the in- novative “open-mirror” design, which allows for easy scans of the distal parts in the molar areas, and the anti-fog function, which guarantees fog-free recordings.

One of the most obvious benefits of the Aadva IOS 200 in daily use will be its convenience. For instance, the system requires no powder, so the scan can be initiated immediately, sav- ing time and work and patient discom- fort—a key advantage of digital scan- ning over traditional impression-taking. The entire scan flow is visualised on the screen in real time and the pro- cess can be paused at any time to check the result. You can then con- tinue the process or start again if you are not satisfied.

With an intuitive workflow being a must have, the Aadva IOS 200 design- ers have made sure that just a few sim- ple steps are needed from scanning to exporting the data. The updated Aadva IOS 2.0 software has an unclut- tered user interface that guides opera- tors through the various steps, from validation and defining the prepara- tion margins through to data export.

And another major plus because the registration happens in real time, the manual step of bite alignment is no longer necessary. Intuitive scan- ners like the Aadva IOS 200 allow den- tists to enter easily the digital world and simplify the workflow between the treatment room and the dental laboratory.

The Aadva IOS 200 is designed as an open system, so the scanner uses the STL standard. The Aadva Digital Services Platform (DSP) allows the structured management of scanned cases and data transfer to dental labo- ratories, partners and milling centres. The status of the case can be tracked at any time. Alternatively, the open STL data can be easily and immediately exported on a USB, without having to send or upload the file to external parties for validation.

Aadva IOS 200 uses a horizontal X-ray beam that shifts by 5°. Thus, disruptive shadows on the hard palate are pre- vented in panoramic scans. The X-rays can be recalculated afterwards using the zoom reconstruction function. An 88 μm voxel image, for example, can be reconstructed from a 125 μm voxel scan without having to take a new scan.

In addition, panoramic scans have been optimised. The Adaptive Focal Point analyses several layers of ac- quired images, then chooses the opti- mal panoramic layer for each region and pieces these layers together to for a new image. The Adaptive Gray Scale function further ensures perfect contrast.

The time-proven Reduxe for- mat of the predecessor model, Veraviewepocs R100, has also been integrated. Its cylindrical shape signi- fically reduces the radiation dosage.

Hasta las estructuras más finas tienen que ser detectados en los procedimien- tos endodónticos, ya que las exploraciones por CTBT permiten una planificación óp- tima y ayudan al dentista a proporcionar la información más completa a sus pacientes.

En el mundo digital y simplifi car el fl ujo de trabajo entre los consultorio y los laborati- tos, el Aadva IOS 200 está diseñado como un sistema abierto, así que se utilizan ar- chivos STL estándar. La plataforma de servicios digitales (DSP) permite la ges- tión estructurada de casos escaneados y la transmisión de datos a los labora- tivos, socios y centros de fresado. Se puede hacer seguimiento del estado del caso en tiempo real. Alternativamente, el ar- chivo abierto STL se puede exportar fácil- mente e inmediatamente a un USB sin tener que enviar o cargar el archivo a partes exter- nas para su validación.

GC Europe, Belgium
digitalgc europe.com
Pavilion 5, Booth 513
French start-up Innixim combines 50 years of know-how with innovation. Established by industry experts, including Sopro founder and former ACTEON Imaging CEO Pierre Montillot, and a new generation of extraor- dinary engineers, the company has taken radical steps to design the future of dental imaging to offer den- tists efficient tools and provide better comfort for patients. The result of this philosophy is Spark, the first per- sonal intraoral scanner, which is on display at the FOI World Dental Cong- ress.

Innixim has combined the bene- fits of different scanning technolo- gies, but eliminated their weaknesses. To achieve this performance, the company used patented Line Stream Scanning technology, which avoids all of the problems experienced with common scanners. With dimensions of only 11.5 × 18.0 × 5.5 cm, Spark is very small, allowing the dentist to keep it in the pocket or car. However, Spark only requires dose expo- sures as low as 20 µSv when using the company’s special high-definition im- aging plates. Moreover, it features outstanding image quality, providing a 35µm/mm resolution.

With Spark, dentists will receive the results of the scan in minutes, without being distracted by the presence of a sensor and patients will appreciate the enhanced comfort, Innixim said. The scanner is, available worldwide through the company’s dealer network.

The company emergent francesa Innixim aina innovation and cincoentany of experience. Fundado por ex- pertos del sector, como Pierre Montillot (fundador de Sopro y ex director ejecu- tivo de Imágenes de ACTEON), y una nueva generación de ingenieros de gran talento, esta empresa ha avanzado de forma revolucionaria para dis- truir los sistemas de imágenes denta- les del futuro, de manera que los odon- tologos dispongan de herramientas efien- cientes y los pacientes disfruten de una mayor comodidad. El fundo de esta filo- sofía es Spark, el primer escáner in- troral personal, que se expondrá en el Con- greso Dental Mundial de Madrid, en España.

Innixim ha combinado novedades que resultan más cómodas, que incentiven la tarea de los profesionales y que se hagan más accesibles. Spark está diseñado para resultar más cómodo, permitiendo una mejor calidad y eficiencia en el tratamiento de los pacientes. Además, esta empresa ha elegido el escáner más pequeño y eficaz, poniendo a disposición de los dentistas un nuevo sistema de imagen de calidad superior con una resolución de 11.5 µm y un tamaño de imagen de 18 mm x 5.5 cm.

With Innixim, the dental profession has an innovative new solution to improve patient care and workflow efficiency. The scanner is a high-quality device that will revolutionize the way dental imaging is performed today. Spark is the result of a decade of development, and it is currently available worldwide, offering dentists a new and improved scanning experience.
PracticeDent is a free cloud-based practice management service created to offer dental professionals an optimal mix of functionality and flexibility. The main goal of the system is to provide a full range of capabilities for all the roles within the practice, while departing from the stale, cluttered and user-unfriendly interface that has been so typical of competitive practice management solutions. Owing to cloud computing, PracticeDent allows for accessibility anywhere and anytime, similar to many other well-known and respected platforms, which have been accepted as worldwide standards in communication and information management. Thus, the service is easily accessed via any Internet-enabled device (computer, tablet or smartphone), while data safety is ensured with state-of-the-art storage facilities (Amazon Web Services).

PracticeDent does not require any hardware or software installation and maintenance, nor does it depend on the computer’s operating system. All the dentist needs is a web-enabled device with a browser. The interface is intuitive, easy to use and requires only a few hours of instruction. In addition, the service is updated on a continual basis, receiving feature upgrades and more language options, and offers multiple possibilities for customer feedback and support.

MediCloud, the developer of the software, is an innovative start-up based in Bulgaria. The company has striven to create the best medical management solution on the market. PracticeDent is officially supported by Curaden, one of the world’s foremost manufacturers of oral care products. It has partnered with Dental Tribune International, the leading dental publisher, to ensure the availability of the MediCloud ecosystem to the international dental community.

The PracticeDent platform will be demonstrated live at FDI Madrid, Pavilion 7, Booth A16-20/B13-17. Trade show visitors are invited to view the video and pose any questions to the PracticeDent team.

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