DENTAL PROFESSIONALS

Cologne, Germany:
By Dental Tribune MEA / CAPPmea

3D Printing rock IDS
Digital Dentistry &
CAD/CAM,
for the global dental industry. At the
largest and most important event
international Dental Show (IDS) is the
ally in Cologne, Germany, the In-
2017 edition, which took place from
21 to 25 March, over 2,300 companies
from around the world exhibited,
including international market lead-
er, among them Dentsply Sirona,
hoclar Vivadent, 3Shape, Planmeca,
VITA Zahnfabrik, Coltene, Ammann

Orthodontic Extrusion of Traumatically Intruded Upper Central Incisor

MIND BLOWING
What if your patient could have
a new crown in one visit?

MyCrown
Chairside CAD/CAM system

Find out more on
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CEREC

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exceedingly lightweight and fast—the Flammeca Romanis software suite, and the Flammeca PlanMill 45 milling unit for dental clinics. According to the company, it combines superior usability with accurate high-speed milling and is the most powerful unit for chairside fabrication the dental market has seen. With these products, Flammeca provides a full clinical digital workflow. Also at IDS, the family-owned business based in Finland premiered its Dream Clinic Show, which includes all of the latest Flammeca equipment and takes users through a case in which it is all applied.

VITA
VITA Zahndfabrik, a family-owned company now run by the fourth generation, presented new process-safe solutions for highly aesthetic results, as well as efficient and smooth clinical workflows. Among these were two materials based on the well-established restorative VITA ENAMIC, VITA ENAMIC multicolour and the highly translucent VITA ENAMIC ST; the space-saving VITA SMART.FIRE furnace for the dental practice that allows for more efficient ceramic chairside restoration, and the compact VITA ADVANCED SOLUTIONS cementation system. For the dental laboratory, VITA introduced its first full digital system, VITA VIONIC SOLUTIONS, which makes complete dentures practicable and economical, as well as VITAFAN EXCELL, a lifetime tooth root of VITA MPB compounds via the VITA VM LC flow veneering composite.

COTELNE
COTELNE is a global leader in the development, manufacture and sale of consumables and small equipment for dental treatment applications. At IDS, the Swiss specialist presented its Endo Highlight Kit, which combines its most important new products in a practical and compact set, including flexible HyFlex ESM NiTi files for preparation, the corresponding gutta-percha points and GuttaFlow basin for obturation. On contact with body fluids, the bioactive filling material generates hydroxyapatite crystals, which can promote natural healing in the root canal and the regeneration of bone and dentine. The company highlighted its CAD/CAM block BRIILLIANT CLASS, which is compatible with Dentistry Simon’s CEREC system, and introduced its novel and smart Bioceramic U-Cryo ultrasonic cleaner.

At IDS, Austria-based company Amann Girrbach highlighted its continuing success as a manufacturer of innovative CAD/CAM equipment and materials. Formed in 1978 through a merger of two companies, it has quickly become a pioneer in dental technology and launched a number of new products in just the last year. The Camoil DNA Generation, for example, has revolutionized CAD/CAM processing through its unique carving mode, which reduces the time needed to mill materials such as glass-ceramics and hybrid ceramics. In addition to this, the Ceramill Mico XC and Ceramill Motion 2 units have been equipped with a spindle designed for carving mode. Amann Girrbach announced that the recent growth in sales of its CAD/CAM equipment and consumables has led to the building of a second assembly site.

North American company Carestream showcased its comprehensive dental imaging and processing portfolio, including the CS Roentic 3D, an advanced version of the popular CS 8100SC 3D, and the CS 8100SC 3D Plus, with the company now offering specialised solutions in orthodontics. According to the company, an orthodontic module starts automatically after a fast scan and provides the practitioner with the optimal basis for precise treatment planning within only 90 seconds. Furthermore, the company introduced a new software module—the implant assistant—for prosthetic planning, which it referred to as the “future of digital restoration management”.

During the event, FONA introduced ten new products, including the complete chairside CAD/CAM solution MyCrown that enables dentists to offer crowns, veneers, inlays, onlays and small-span bridges in only one visit. The company’s latest state-of-the-art addition consists of an open-format intra-oral scanner, design software that guides the dentist step by step and a milling unit. Targeted at the general dentist, the system’s functions are intended to cover 90 per cent of what the general practitioner does in daily practise, purposely excluding specialist functions, such as for implantology and orthodontics. The system is very intuitive, according to the company, allowing the dental assistant to work with it easily as well, and thus enabling the dentist to focus on the most important parts of the procedure. By offering a top-notch system at a room affordable price, FONA aims to be the top choice for dentists wishing to enter into CAD/CAM. Also exhibited were the new Campeen and Durion treatment centres, Stel-laris 3D sensor, Aquamarine diode laser, and a 3D Plus, PHAS plus maintenance and lubrication device Enduro, and water purifier Purgea. Visitors to the 12th CAD/CAM and Digital Dentistry Conference will be able to view and try out all of these IDS product highlights and more, many of which will be showcased for the first time in the Middle East.

The annual conference is organised by the Centre for Advanced Professional Practices (CAPP) and covers the current trends in digital dentistry. This year, it will be held on 5 and 6 May at the InterContinental Hotel, Dubai Festival City in the UAE. The pre-and post-event hands-on courses, worth 66 continuing education credits, will be offered from 1 to 8 May. CAPP is an ADA CERP-recognised provider of continuing dental education programmes.