DTI publishers meet for tenth anniversary in Italy

By Dental Tribune International

TURIN, Italy: Over the last three days, Dental Tribune International (DTI) has held its tenth annual publishers’ meeting. This year, the meeting drew over 50 licence partners from the US, Latin America, the Middle East and many other countries from all over the world. Meeting attendees learnt about a number of new projects for the upcoming year and discussed strategic approaches for future development.

At the meeting, DTI CEO Torsten Oemus reviewed the impact of DTI’s various print, online and social media projects. He also announced changes to the DTI collaboration in China (Dental Tribune China) and DTI’s partnership with Bedinco in Brazil.

The event features a number of expert presentations followed by panel discussions as well as live demonstrations of CEREC in various areas. Dr. Joachim Pfeiffer, Vice President CAD/CAM Systems and Chief Technology Officer at Sirona, says “this first-class event combines specialist knowledge with user experiences. We expect this interesting conference to contribute greatly to the further development of CEREC.”

The panel show focuses on presentations by experts on the use of CEREC. Dr. Todd Ehrlich, a master CEREC trainer who has been teaching dental CAD/CAM technology for a number of years, provides an

Sirona presents “CEREC Desert Fest 2014”

By Sirona

The latest findings in digital dentistry, live demonstrations, and an exciting social program: Sirona and the Centre For Advanced Professional Practices (CAPP) invite you to the “CEREC Desert Fest” conference. The event held in Dubai from September 12-13 is aimed at potential CAD/CAM users and experienced CEREC users.

In front of breathtaking scenery at the Palace Downtown Dubai, Sirona presents the “CEREC Desert Fest” for the very first time. On September 12 and 13, dentists and dental technicians can share their experience with the most used CAD/CAM system with colleagues from all over the world. The event features a number of expert presentations followed by panel discussions as well as live demonstrations of CEREC in various areas. Dr. Joachim Pfeiffer, Vice President CAD/CAM Systems and Chief Technology Officer at Sirona, says “this first-class event combines specialist knowledge with user experiences. We expect this interesting conference to contribute greatly to the further development of CEREC.”

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Fig. 1: Dubai’s skyline and the spectacular Dubai Fountain – highlights of the visit to the largest city in the United Arab Emirates.
The Ebola virus epidemic: A concern for dentistry?

By Prof. L. Samaranayake

Twenty-two years ago, a seminal report from the Institute of Medicine (IOM) in the US, titled “Emerging Infections: Microbial Threats to Health in the United States”, warned of the dangers of so-called newly emerging and re-emerging diseases. The concept of “emerging infectious diseases”, introduced then by the IOM is now well entrenched, and to our chagrin we have witnessed many such diseases over the last two decades. These include vari- ant Creutzfeldt-Jakob disease/bovine spongiform enceph- alopathy, severe acute respiratory syndrome, and Middle East respiratory syndrome, and above all the pandemic of acquired immune deficiency syndrome (Aids), which has claimed millions of lives the world over. The re-emerging infectious diseases we have seen include diseases caused by meticillin-resistant Staphylococcus aureus, and multi-drug-resistant and extensively multiresistant pathogens.

Interestingly, the concept of “emerging infectious diseases” is not new. Indeed ancient Greek, Roman and Persian writers doc- umented the emergence of new infections. In more recent times, the scientist Robert Boyle presciently observed in 1685 that “there are ever new forms of epidemic diseases appearing [... among th]em the emergent va- riety of excitement and hurrying [...].” Arguably though, the most note- worthily relatively new emerging infectious disease with the great- est impact on the dental profes- sion has been the human immu- nodeficiency virus (HIV). And now we have a severe epide- miology of Ebola virus infection. It is back with a vengeance, this time in West Africa, with over 500 cases and a 69% case fatality ratio at the time of writing. The culprit is the Zaire ebolavirus species, the most lethal Ebola virus known, with case fatality ratios up to 90%.

According to the IOM report, there are many reasons that new diseases emerge and re- emerge. These include health care advances with the attendant problems (e.g. transplantation, immunosuppression, antibiotic abuse, and contaminated blood and blood products) and human behavior, including injectable drug abuse and sexual promis- cuity. Societal occurrences, such as economic impoverishment, war and civil conflict, too are critical according to the IOM. The current outbreak of Ebola virus infection is a perfect storm created by a lethal combination of these factors, including rampant deforestation, poverty and the war-stricken situation in many African countries.

So how does Ebola spread? Ac- cording to World Health Orga- nization reports, Ebola virus disease (EVD) is introduced into the human population through saliva contamination. Infection in health care settings has been due to health care workers coming into contact with suspected or confirmed EVD, especially when infection con- trol procedures were not strictly practised. Reports indicate that those who recovered from the disease released the virus through their semen for up to two months after recovery.

EVD is a severe acute illness characterised by the sudden set of fever, intense weakness, muscle pain, headache and sore throat. This is followed by vom- iting, diarrhoea, rash, impaired kidney and liver function, and both internal and external bleed- ing in some cases. Oral manifesta- tions, such as acute gingival bleeding, have been reported. The mortality rate of EVD is very high and 50-80% of patients die owing to the profound systemic haemorrhage or its complica- tions. The incubation period of EVD is 2 to 21 days.

Up to now, there have been no reported cases of transmission of EVD in any dental settings. However, the fact that it is transmit- ted through human secretions, which includes saliva, and that the incubation period could last up to 21 days implies that den- tal care workers in the endemic areas of the virus, such as West Africa and sub-Saharan Africa, may run the risk of acquiring the disease if strict standard in- fection control measures are not routinely followed.

In dentistry, we are constantly exposed to these emerging and re-emerging infectious threats and we cannot afford to let our guard down. Vigilance, aware- ness and good clinical practice with standard infection control at all times are fundamental to prevention, as well as minimizing new diseases surely lie in wait. Although we have made spec- tacular technical and scientific advances since the release of the original IOM report some two decades ago, it appears that hu- mans are still defenceless in the face of the relentless marauders we microbe foes, drug-resistant tuberculosis.

Malaysia provides dental records for MH17 investigation

By DT Asia Pacific

P utrajaya, Malaysia. The Health Minister of Malaysia has confirmed that the den- tal records of all the Malaysian vic- tims of Malaysia Airlines Flight 17 have been sent to the Netherlands for foren- sic identification. According to Datuk Seri Dr Subramaniam s/o K.K. Sathasivam his ministry has also provided DNA samples and fingerprints of the deceased passengers of the flight, which was bound for Kuala Lumpur on 17 July, to an Interpol disaster re- sponse team.

Forty-three Malaysian pas- sengers, including 15 crew mem- bers, were on board the Boeing, which is believed to have been shot down by pro-Russian rebels over Donestk in Ukraine three weeks ago. Since access to the crash site remains difficult owing to on-going conflict in the re- gion, only 20 coffins containing the remains of the victims have been collected and sent to the Netherlands so far, according to Subramaniam. He told the New Straits Times newspaper in Kua- la Lumpur that the first results from the identification process, which is currently underway at a military facility in Heesum near Amsterdam, are expected to be available within the next two weeks.

A total of 208 passengers, most of whom were of Dutch descent, were killed in the incident, which is still under investigation by in- ternational organisations, such as the Organization for Security and Co-operation in Europe.

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14-15 November 2014
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Dubai UAE

6th Dental - Facial Cosmetic International Conference

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Implant Real-time Imaging System (IRIS-100)

By EPED

Implant Real-time Imaging System (IRIS-100) features the utilization of optical tracking systems to visualize instantly the implant handpiece and drill with a CBCT image. With the aid of this intra-bone GPS function, users can see the position of the drill and data such as bone quality, nerve, sinus location and more. This critical data can assist the implantologists to navigate and give real time guidance during implant surgery. Similar to a car navigation system, the system is set up to visualize the destination and helps to guide the preplanned placement of implants, avoiding dangerous areas, reducing risk and increasing the likelihood of successful implant surgery.

IDS 2015: Digital technology determines daily routine in modern dental practice

By Dental Tribune International

COLOGNE, Germany: Digital dental technologies are increasingly becoming an essential part of the daily routine in the modern dental practice. They render patient management and treatment planning processes more economical and increase time efficiency. At the upcoming International Dental Show (IDS), digital technologies will thus form a core subject, with many exhibitors presenting their latest product solutions in the field.

At IDS 2015, the digital technology offerings available for dental practices will form a focal point for all visitors in the fields of dentistry and dental technology. The product ranges to be exhibited contribute to simplifying workflow and, as a result, to reducing treatment times. They create synergies with the digital range for dental laboratories, yielding positive implications for practice management and therapeutic procedures. That is why the state of the art in digital technology for dental practices will be in the spotlight, as they have been used alongside conventional radiographic techniques in recent years.

IDS 2015 will also give special attention to digital scanners, which offer a wide range of advantages for patient-specific restorations and implant planning. In particular, intra-oral scanners will be in the spotlight, as they have contributed significantly to making prosthetic treatment workflows simpler and more precise.

Overall, both patients and dentists benefit from the use of digital technologies. They help shorten treatment time and reduce the number of work stages, and enable the dentist to immediately examine and explain preparations on screen. Furthermore, the data gained through digital procedures can be quickly processed in the dental practice and sent to dental laboratories.

The 56th IDS will take place from 10 to 14 March 2015 in Cologne. According to the latest figures provided by IDS organiser Koelnmesse, 1,400 exhibitors from 46 countries have already confirmed their participation.

Many manufacturers will be exhibiting their latest innovations in digital dental technology at IDS 2015. (Photograph courtesy of Koelnmesse)

Contact Information

Visit for more information: http://cerescam新闻网.com

Implant Real-time Imaging System (IRIS-100)