By Dental Tribune MEA

SHARJAH, UAE: The University of Sharjah organized the first regional ConsAsia 2018 conference of the Asian Oceanian Federation of Conservative Dentistry last December. The event was under the patronage of His Highness Sheikh Dr Sultan bin Mohammed Al Qasimi, Member of the Supreme Council, Ruler of Sharjah, and President of the University of Sharjah.

The University inaugurated the first regional ConsAsia 2018 International Conference as part of the annual meeting of the Asian and Oceanian Federation of Conservative Dentistry (AOFCD). The conference comes under the theme ‘Contemporary Conservative Dentistry: Innovations for Tomorrow’s Practice’. The University’s College of Dentistry organized the Conference in collaboration with the AOFCD and the Dental Division of the Emirates Medical Association (EMA), and with the participation of over 300 practitioners.

Amongst the list of VIP attendees included Prof. Khalid Ahmad El-Mustafa El-Sharkia, Vice Chancellor for Academic Affairs, attended the ConsAsia along with Prof. Qusayha Hamid Al Healy, Vice Chancellor for Medical Colleges and Health Sciences and Dean of College of Dental Medicine, Dr. Majid Al Jarwan, Vice Chancellor for Public Relations, Prof. Byeng-Hoon Cho, President of the AOFCD and ConsAsia 2019, Prof. Hien Chi Ngo, Dean of the College of Dental Medicine, Dr. Aisha Sultan, President of the Dental Division of the EMA, and a number of faculty and staff members at the University.

Dental Tribune had the pleasure to interview Prof. Byeng-Hoon Cho, President of the AOFCD and ConsAsia 2019 to get his view on the conference in the Middle East and beyond.

Could you please share with us an introduction about yourself and your experience as president of the AOFCD.

I am Byeng-Hoon Cho, Professor of Department of Conservative Dentistry, Seoul National University School of Dentistry, Seoul, Korea. I am also the Founding President of the Asian-Oceanian Federation of Conservative Dentistry (AOFCD), the President of the Local Organizing Committee (LOC) for the inaugural scientific meeting, ConsAsia 2019, Seoul, Korea, the immediate past president of the Korean Academy of Conservative Dentistry (KACD), and an Editor-in-Chief of the Restorative Dentistry & Endodontics. I am establishing the AOFCD and organizing its biennial scientific meeting, ConsAsia. When the ConsAsia initiative was proposed by the KACD, 16 scholars from 9 countries joined the first preparatory meeting and showed interest in founding an international organization in the field of Conservative Dentistry. Although the AOFCD is a very dynamic discipline, there had been no international organization, except ConsAsia, which is hosted by Chinese and European federations. The AOFCD is proposed to establish AOFCD and to hold biennial ConsAsia scientific meetings. At first, scholars from 4 countries (Australia, Hong Kong, India, Japan, Korea, Singapore, Malaysia, New Zealand, and Taiwan) agreed with the initiative and met first in Seoul, Korea, on October 21, 2016 (First preparatory meeting, LOC for the first ConsAsia). The purpose of the meeting was to discuss the formation of a new international organization in conservative dentistry, which could provide a platform and a network for the promotion of oral health in the public interest and to facilitate communication and cooperation amongst the members in the Asian and Oceanian regions by encouraging excellence in the clinical practice, teaching and research.

For our MEA audience, could you please provide more information about the AOFCD and ConsAsia? It is established to contribute to the promotion of oral health in the public interest and to facilitate communication and cooperation amongst the members in the Asian and Oceanian regions by encouraging excellence in the clinical practice, teaching and research.

Interview: "The participants can share the up to date knowledge about the subjects in the field of Conservative Dentistry."

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RESTORATIVE

Fig. 13: Polishing with Super Snap X-Treme green disc followed by pink disc clearly showing the reflection on the tooth

Fig. 14: Intra oral image showing final restoration

Fig. 15: Before and after image digitally overlapped to showcase extent of actual build-up of the composite restoration

Fig. 16: Frontal view of maxillary anterior teeth showcasing bio mimetic aesthetics of composite resin with a close match to natural tooth translucency and effects in the incisal area

Fig. 17: Artistic side view of both dental arches in anterior guidance 1 week post treatment showcasing complete rehydration of tooth and natural life-like aesthetics

Conclusion

The before and after clinical photos of this patient case highlights that predictable life-like restorations can be achieved using a conservative approach with minimal tooth preparation, selection of the right type and shades of composites followed by a comprehensive finishing and polishing protocol.

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Fig. 8: Build up deep dentin with a layer of Beautiffil II shade AE on the palatal shell to block the light transmission. More quantity was applied in tooth 23 compared to tooth 10 due to the extent of fracture (Fig. 9).

To attain good contact and emergent profile for better contouring, a Garnier Anterior wax with No. 1 yellow wedge was placed in between both central. A thin layer of Beautiffil II shade AE was placed leaving sufficient space for build up of final enamel layer (Fig. 10).

Finally, Super finishing was done using a tapered fine (red band) diamond point and Super Snap disc (purple).

High points were checked and adjusted with 40 micron articulating paper in static occlusion & 200 micron articulating paper in dynamic occlusion. Finishing was done with Dura pulse white stone (Fig. 11) and One gloss.

Clinical Tip: avoid touching the line mark the line angles.

Contouring was done using a tapered fine (red band) diamond point and Super Snap disc (purple).

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ZirCAD MT Multi
The most esthetic high-strength, multi-translucent\(^1\) zirconia

\(^1\) Composed of different material classes
INTERVIEW

By Pragun Banga-Chiu, President of the AOFCD and ConsAsia 2019

What will happen at ConsAsia 2019 and how can attendees engage with this event?

The 1st General Meeting of the Asian Oceanian Federation of Conservative Dentistry (ConsAsia) 2019 will be held on November 8 (Fri) – 10 (Sun), 2019 at Grand Ballroom of COEX Convention Center, Seoul, Korea. The main theme of the ConsAsia 2019 is “Conservative Dentistry: The Path from Research to High-Quality Care”. The main topics of its Scientific Programs are Cariology, Preventive Dentistry, Minimal invasive treatment, Vital pulp therapy, Endo-dontics, Dental education, Adhesives, Resin-based composites, Ceramic, Zirconia, CAD/CAM, Novel biomaterials, and New technologies Approximately 1000 attendees from more than 30 Asian and Oceanian countries will join the ConsAsia 2019 Seoul meeting.

Fourteen most famous international and well-known keynote speakers will participate to the scientific programs to give lectures on the up-to-date knowledges about the recently most-attacked subjects in the field of Conservative Dentistry. More than 30 country representative speakers will give lectures in concurrent sessions. We invite researchers, clinicians, and students from all of the Asian and Oceanian countries to submit abstracts for presentation to share and discuss their latest findings. There will be chances to discuss issues with world famous speakers. The presentations will be open for research (Oral and Poster). Clinical Case Reports (Oral and Poster), Scientific Poster (Oral and Poster), and Student Residency Presentation will be granted. A commercial exhibition of dental supply companies and other relevant organizations will also be concurrently held in the Grand Ballroom and Lobby.

These exhibits will complement and enrich the scientific program and reflect its wide scope. All accepted abstracts will be published in the Restorative Dentistry & Aesthetic Dentistry (2018) and Ceramic, Zirconia, CAD/CAM, Novel biomaterials, and New technologies. The LOC will organize social/tour programs as well as well-balanced scientific programs to make your trip to Korea very fruitful and interesting. (Please refer to the recent newsletter http://www.consasia.org/newsletter/meal_r181227.html). During the days of ConsAsia 2019, the Autumn color of Korea will be fantastic.

3. Meet with new vendors and suppliers where the newest and best products and services will be introduced.

4. Make connections with friends and colleagues where you will find the greatest opportunities to build professional connections, all within just a few hours’ flight.

5. Explore Korea. You never imagine never imagined Seoul - Korea’s capital city is a city of the past, present, and future, full of stories, excitement, culture, adventure, and intrigue.

Anybody who is interested in the Conservative Dentistry can join the ConsAsia 2019. The abstract submission system will open on March 1, 2019. Abstract submission deadline will be May 31, 2019. Accept your abstract via Online Abstract Submission system through the ConsAsia home page (www.consasia.org). Acceptance notification will be on June 28, 2019. Online registration will also be available from May 20 to August through the ConsAsia homepage (www.consasia.org). It will be beneficial in the registration process for all participants to be AOFCD members whether they are to be individual members or members in different organizations as a full member (Please refer to the Newsletter [Newsletter Vol 69] and ConsAsia Registration and Download Center in the main page of ConsAsia homepage (www.consasia.org)).

As mentioned in the answer to the question 4, the main theme of the ConsAsia 2019 is “Conservative Dentistry: The Path from Research to High-Quality Care”. Since the scope of the ConsAsia includes all the disciplines that aim to preserve teeth, the ConsAsia scientific programs include from the basic sciences to the high-quality practices; such as Cariology, Preventive dentistry, Minimal invasive treatment, Vital pulp therapy, Endodontics, Dental education, Adhesives, Resin-based composites, Ceramic, Zirconia, CAD/CAM, Novel biomaterials, and New technologies.

The participants can share the up-to-date knowledge about the recently most-attacked subjects in the field of Conservative Dentistry and discuss the issues with internationally recognized keynote speakers and the country representative speakers. As a general conference, the speakers are those who are familiar with the ConsAsia Single issue from the basic sciences to the clinical disciplines of preventive dentistry, cariology, and scientific meeting exhibition of dental supply companies and other relevant organizations will make the scientific program and reflect its wide scope.

What advice can you give to dentists looking to specialize in a certain speciality in Conservative Dentistry? Dental caries and periodontal disease are the most prevalent diseases related to oral health, and the patients has greatly increased. All these environments have driven the dynamics of Conservative Dentistry, leading to the development and innovations of new dental materials, and research conferences as a platform where they could motivate and communicate with each other in education, research, and practice in the field of Conservative Dentistry.

The initiative started by the Korean Academy of Conservative Dentistry (KACD), what is the main message when it comes to Conservative Dentistry?

As mentioned in the answer to the first question, although the Conservative Dentistry is a very dynamic discipline, there is no international organization, except ConsAsia, which is hosted by European Federation of Conservative Dentistry (EFCDD). The KACD felt the participants at the first preparatory meeting showed interests in founding an academic organization in the field of Conservative Dentistry and were very eager for a platform where the participants could motivate and communicate with each other in education, research, and practice in the field of Conservative Dentistry.

Considering the dynamic features of Conservative Dentistry, we all need to collaborate as a platform where we can meet and communicate each other and collaborate for the innovation and the future of Conservative Dentistry. The international ConsAsia scientific conference will provide academic pride and clinical excellence for scholars, researchers, students, and clinicians in the field of Conservative Dentistry, ultimately contributing to the quality of care and improving oral health in the region.

Therapy, diagnostics, prevention—what are your recommendations?

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