The new Swiss Endo Academy Training Centre

FKG Dentaire is proud to announce the opening of its new Training Centre in Dubai.

By FKG Dentaire

FKG Dentaire SA (La Chaux-de-Fonds, Switzerland), leader in innovation and production of high-tech rotary Ni-Ti systems, is highly committed in worldwide Continuing Education for dentists.

After having set up its Training Centre in 2014 (Swiss Endo Academy), based at the company’s headquar- ters, FKG Dentaire is proud to an- nounce a new Continuing Education Centre, located at its representative office, FKG Dentaire DMCC (Dubai, UAE).

This Centre exhibits the latest genera- tion of high-end equipment (operat- ing microscopes, phantom heads,...) and offers a real simulation labora- tory, allowing general dentists and specialists, to enhance their clinical experience while exposed to the lat- est endodontics Ni-Ti systems, more particularly to 3D Ni-Ti treatments range: the XP-Endo® sequence.

The centre of the Swiss Endo Acad- emy in Dubai has been inaugurated on February 5, just before the AEEDC congress, in the presence of the top management of the mother compa- ny and the entire IMEA team of FKG Dentaire.

FKG Dentaire DMCC
Swiss Tower | Cluster Y | Office 1502
PO Box 450280 | JLT | Dubai | UAE
Tel.: +49 71 445 222 40
Email: mea@fkg.ch
Web: www.fkg.ch
FB: www.facebook.com/FKGDentaireIMEA

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Internal resorption treatment using MTA-based endodontic sealer

Clinical Case Report

By Dr. Fábio Duarte da Costa Aznar, Brazil

Male patient, 32 years old, presented with clinical classification of pulp necrosis of dental elements 11 and 12 (Fig. 1), associated with the presence of internal resorption, being subjected to endodontic treatment on both elements. He reported a history of dental trauma in childhood, and had previously undergone an urgent intervention in element 21 by another professional, due to edema and pain in the apical region. Due to the presence of fistula in this region, it was traced and found to originate from dental element 21 (Figs. 2 and 3).

After the initial approach of the patient, he was anesthetized and absolute isolation was prepared. Afterward, the coronary access was made, during which the pulp necrosis of both teeth was clinically identified. A crown-down disinfectant penetration was done, using NaOCl at 5% as an irrigating agent, with odontometry performed by the X-ray method (Fig. 4) due to the insufficiency of using a foraminar locator in these anatomical conditions, which could influence its precision. The preparation was done by the step-back preparation technique, using K Files (Maillefer/Switzerland) and NaOCl 2.5% as an irrigating agent, seeking to dilate the whole root canal formation. With each change of instrument, ultrasonic irrigation was done with smooth inserts (Dentsply/Tulsa/Brass) using the PUI and CUI concept (Fig. 5). As a complement to the intra-canal deconamination process, two fifteen-day exchanges of calcium hydroxide were done (Ultradent/Ultradent/USA), also aiming at analysis of the quality of cleaning obtained in the area of resorption by the radiopacity of this medication (Fig. 6).

The obturation was done using the Tagger Hybrid thermomechanical technique (Figs. 7 and 8), through the use of Gutta-condensor (Maillefer/Switzerland), cones of TP gutta percha (Dentsply/Brazil), and Fillapex MTA-based sealer Angelus/Brasil (Fig. 9). After the thermocondensation, the cut of the obturation, vertical condensation with the use of CIC, cleaning of the pulp chamber, and immediate provisional restoration were done (Fig. 10). The sealing of the ramifications and resorptive areas was observed radiographically, as well as the presence of silent postoperative.

The proservation was done after three months. It demonstrated resorption of the Fillapex sealer and new bone formation in the apical region of both teeth (Fig. 11).

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Interview: “Endodontic treatment is an invaluable therapeutic technique”

By DTP

From 4 to 7 October, the world of endodontics will be meeting in the South Korean capital of Seoul for the 15th International Federation of Endodontic Associations (IFEA) World Endodontic Congress (WEC). In light of the event, which has attracted dental professionals from all around the world for many years, Dental Tribune Online spoke with IFEA WEC 2018 Chairperson Dr Andy Euiyoung Kim.

Dr Kim, how would you describe your experience as chairperson of the IFEA WEC 2018 Seoul local organising committee?

First of all, it is my great honour and privilege to act as chairperson of the local organising committee. I've learnt so much while preparing for this gathering. I would like to express my sincere appreciation to everyone for the support they've shown us so constantly. I feel so blessed, and it could not have been done without that cooperation and support.

Second, I have been pleased to see Korean dentists demonstrating their excellent capability. They perform excellent endodontic treatment, even in poor environments, and all the techniques of endodontic treatment are controlled under the government-led health insurance system. I can confirm that these researches are conducting world-class research. Finally, it has been a valuable experience to feel the unity of the members of the Korean Academy of Endodontics.

The theme of this year's meeting is “Endodontics: The utmost values in dentistry”. Can you explain what is behind this and how you identify with it?

Endodontic treatment is an invaluable therapeutic technique that can keep natural teeth healthy. The reach of its use depends on the country, and I have felt sorry that endodontic treatment has been more neglected than other fields, given its importance. We have various difficulties, especially with the limited choices for dentists, because of the government’s medical insurance system.

With this point of view, we came to the idea of going back to the basics and asked ourselves a fundamental question: what is most important for national oral health? A healthy building may be nice to look at, but it will not last long if the groundwork is not done properly. Likewise, our efforts to keep our natural teeth healthy for our children should never be underestimated.

Why do you think meetings such as IFEA’s WEC are important for the endodontic community?

This is an absolutely necessary meeting. The American Association of Endodontists meeting, the European Society of Endodontology meeting and the WEC of IFEA are the standard meetings of international endodontic societies, while the meetings arranged by the first two associations are locally constrained, the IFEA gatherings are the only academic congress that covers international endodontic treatment. Memberships of IFEA continue to increase, and 96 countries have enrolled in IFEA as member countries.

It is natural that there’s level of difference depending on the country, and I believe everyone will level up through this kind of meeting. By doing so, we can contribute to the positive development of human beings, which is IFEA’s primary value. Also, the meeting promotes fellowship among endodontists and exchange of experiences and ideas. We will maximise synergy in our field by sharing information with one another.

What are your expectations/hopes for the meeting, and what are you most looking forward to personally?

I am so excited about the meeting. The largest number of participants of all past IFEA WECs will come to Korea from 70 countries all over the world. Personally, I am thrilled to meet endodontists from all over the world. I know that it will be a wonderful experience to meet participants from far away and from closer to home. Furthermore, I hope that IFEA will continue to grow into a global organisation representing the whole world.
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