

ENDO TRIBUNE

AAE provides considerations for dental and endodontic care during COVID-19 crisis

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Want to maintain good oral health? Start eating smarter

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Dental professionals in France deliver care through telecommunication

By Iveta Ramonaite, Dental Tribune International

LEIPZIG, Germany: Since 14 March, France has been under COVID-19 Level 3 restrictions, including the halting of all non-essential services. To flatten the SARS-CoV-2 infection curve and ensure the safety of dental professionals, staff and patients, dental surgeries in France remain closed, and dental surgeons are only available to answer any possible questions that patients may have by phone or email, other than emergency treatment.

In an interview with Dental Tribune France, Dr Yassine Harichane, a graduate of the dental faculty of Paris Descartes University, said that like many other dentists, he too is only

providing emergency dental care, mainly on the phone. Commenting on the situation, he noted that the impact of COVID-19 for dental companies and the profession as a whole will be profound once operations resume and that the consequences will be twofold. Owing to business interruptions, many companies will face financial difficulties and trouble obtaining materials. Additionally, there will be a change in the relationship between dentists and patients as a result of limited physical contact and the constant fear of being infected.

French Dental Association's response

The coronavirus pandemic has created substantial challenges for den-

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tal professionals, and many healthcare workers are being overloaded with information. It has become difficult to differentiate real news and facts from speculation in order to decide how best to implement cross-contamination measures in treating dental patients. To help answer some of the questions dentists may have, the French Dental Association has created a question and answer section on its website as well as Facebook and YouTube pages that deals with health, clinical, financial and social issues.

In a broadcast on 24 March, Dr Serge Fournier, president of the Ordre national des chirurgiens-dentistes (national order of dental surgeons), stat-

ed that some dental professionals have chosen to continue their dental activities, ignoring the government's decision to close all dental clinics. Fournier stated that he strongly opposes such behaviour, since it puts the community and the dentists at risk. Consequently, the organisation has decided to sanction practices that continue to operate their businesses normally. The COVID-19 questions and answers on the French Dental Association website can be found at <https://www.adf.asso.fr/fr/covid-19/questions-expresso-avec-ladf>.

Busier than ever?

Speaking to Dental Tribune International (DTI), Dr Laurence Bury, a dentist and scientific editor at Dental

Tribune France, said that, despite the pandemic, she is staying busy. "I go to my office every morning, even on Saturdays and Sundays, where I listen and reply to all the messages and emails and send prescriptions. I'm also in contact with three nursing homes around my office and am fixing their broken dentures and looking at the photographs sent by the nurses to understand the gravity of their symptoms."

"Four times a week, I see some patients from the neighbourhood for pulpitis and then I wear two surgical masks to protect myself and put a dental dam over the tooth being treated. Patients come in, wash their hands and rinse their mouths, and

then I start working," she continued.

Bury also told DTI that she had found a sensible solution for covering her body while working. She uses a travel raincoat, which is reusable and can be disinfected.

When dental activity resumes, hopefully on 11 May, when the lockdown restrictions are to be lifted, Bury said that she will manage one patient at a time and allow 15-minute breaks between patients to be able to sterilise the office.

DT

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For more information, please contact

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Incredible inside. Incredible outside. Ready for the future with the new Lara sterilizer

By W&H

Be prepared for today and for tomorrow – with the new Lara sterilizer from W&H, users not only have state-of-the-art today, but additional high-tech for the future. Equipped with fast cycle times and a safe documentation system, Lara simplifies and speeds up the sterilization process. Lara offers so much more: with W&H's new invented activation code system, users can easily upgrade additional features. This allows Lara to be easily adapted to individual and future requirements of the practice.

Incredibly fast, incredibly easy to use

From inside a full power package, from the outside a real eye-catcher: The new Lara convinces with its smooth surfaces and its colour touchscreen, which allows fast and intuitive navigation through the menu structure. The clear aim of the operating concept is to save time in order to have more time available for the treatment of patients. Even the standard version of Lara is equipped with one of the fastest cycle-times of its class. To meet the demand for complete traceability, a high capacity USB drive automatically records the cycle reports throughout Lara's entire service life. Users benefit from control and safety during instrument reprocessing. Optionally available: a label and cycle report printer, which offer printed documentation without additional computer or software. An automatic water filling valve provides additional efficiency: it allows connection to a demineralization system. This means manual filling and draining are no longer required.

Enhanced functionality by easy upgrade

Depending on future requirements of the practice or regulatory needs,

the new Lara sterilizer can be easily customised and upgraded by the activation code system. This allows users to activate even more speed and

an extended documentation. The activation codes and functions at a glance:

Activation Code "Performance": even faster cycle times by upgrading to Eco Dry+, which automatically adapts the drying time to the mass of load. Saving time and energy.

Activation Code "Fast Cycle": a type S fast cycle whenever needed, the fast cycle allows sterilization of unwrapped instruments in just 20 minutes.

Activation Code "Traceability": this functionality enables the customisation of the sterilizer to trace back to the person who initiated the sterilization cycle.

Activation "All-in-one": this code activates all functions mentioned above at once.

Whatever happens in the future – with Lara, you are well-prepared! In addition to the standard Lara functionalities with the high level of W&H quality, the new activation code system offers the opportunity to prepare today for tomorrow's requirements. This gives dental practices more flexibility and, above all, the certainty that they are optimally equipped for all upcoming tasks. [DT](#)



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Digital endo assistance fully automated CanalPro™ Jeni Endo Motor navigates through treatment



By COLTENE

Autonomous driving, operations using a robot arm, computer-aided design (or CAD for short) - there is hardly an area in which humans can now not be assisted by an electronic co-pilot. The more complex the application, the more useful the support via algorithms. Endodontic treatment is no exception and also requires the utmost precision and reliability. Endo specialists therefore increasingly rely on the fully automatic navigation of the latest endo motors.

Electronically controlled preparation

The internationally recognised, leading dental specialist, COLTENE, has achieved a breakthrough with

a virtually-self-propelled endo motor: the fully automatic CanalPro™ Jeni, named after its developer Prof. Dr. Eugenio Pedullà, finds its way through the root canal autonomously and thus accompanies mechanical and chemical preparation step by step. Via touch screen, the Jeni connects directly to the selected NiTi file system such as the HyFlex CM or EDM or the files of MicroMega from the COLTENE group of companies.

What is new is that the user can work forwards continuously from coronal to apical applying only slight pressure and the motor decides independently on the progress of movement. For this purpose, the Jeni assistance system uses complex algorithms and controls the variable file movements at millisecond intervals by

constantly regulating rotational movement, speed, torque and file stress. The endo motor adapts to the individual root canal anatomy and guides the preparation step by step. Integrated length measurement is available at the same time. The outstanding comfort and level of safety that Jeni delivers during preparation, is unmatched.

Jeni recognises the risk of a potential fatigue fracture of the file and informs the dentist with an acoustic signal that a file change is necessary. The CanalPro™ Jeni is also very familiar with the common endodontic irrigation protocol: the device records mechanical reprocessing progress and notifies the chairside dentist or assistant, acoustically, when and how often irrigation should be per-

formed between file changes. This is incredibly important when the long-term success of treatment depends largely on thorough irrigation of the prepared root canals.

Synchronised endo instruments

With the CanalPro™ Jeni Motor, the COLTENE group of companies has added another useful tool to its range of ideally matched endodontic instruments and dental materials. COLTENE has always worked closely with international scientists, practice owners, key opinion leaders and dental teams to design and realise concrete solutions for everyday treatment routines.

On www.coltene.com or one of the innovation leader's social media

channels, interested dentists can find out about the latest trends and ideas from the dental world. In addition, COLTENE also offers a wide range of training courses and practical workshops to ensure the optimal use of technical aids and digital assistants. This way, even endo beginners will be able to achieve competent and efficient preparation after only a short time. [DT](#)

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By SHOFU

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