Daily use of the KaVo ESTETICA E70 in the dental practice - case report

Dr Silke Spiller gives her feedback about her experience with the ESTETICA E70 treatment unit in practice

The author of the following article, Dr. Silke Spiller, was born in 1968 and completed her dentistry degree from 1987 to 1993 at the University of Ulm. She subsequently was a scientific assistant at the Department for Conservative Dentistry and Periodontology at the Friedrich Alexander University in Erlangen. After she received her doctorate, Dr. Spiller worked at the Department for Pediatric and Adolescent Dentistry at the Public Dental Clinics in Basel (Switzerland). From 2001-2004, she helped out at various practices as an assistant dentist in the Ulm area before she established her own practice at 89073 Ulm, Schelergasse 6. Dr. Silke Spiller is a member of the DGZMK (Deutsche Gesellschaft für Zahn-, Mund- und Kieferheilkunde, or the German Society for Dental, Oral and Maxillofacial Surgery), the DGk (Deutsche Grüne Kreuz, or the German Green Cross) and the Kemptner Working Group.

At our practice, we have been testing out the new ESTETICA E70 treatment unit by KaVo since October 2008. During this period, I have found the unit to be highly useful in daily use.

The approach for using the E70 is precisely tailored to the everyday needs of a dental office. Frequently required functions can be reliably and intuitively controlled using direct keys. We found the suspended chair very attractive. It allows you to get much closer to the patient during treatment than conventional units. This approach is much more ergonomic, and it lessens body fatigue during extended treatment sessions.

We have also been using the new KaVo wireless foot control with the E70 and have found it highly useful in daily work. The foot control can be placed anywhere since there are no annoying cables: There is no restriction due to finite cable length, your assistant is never in your way and members of the dental team have no cable over which to trip. It is also useful that you only have to charge it once every three months.

The integrated endodontic function has saved an enormous amount of time and effort. The ergonomics and workflow are significantly better than with stand-alone devices, since these always have to be placed alongside the dental unit, and they are always somewhat difficult to access. In addition, you do not need to switch back and forth between different foot controls, as the two devices are completely and seamlessly integrated.

The ability to integrate multimedia systems is also particularly attractive. The E70 allows you to integrate display systems into your workflow and make them accessible to patients: You can incorporate a video interface for a surgery microscope, intraoral camera, digital x-rays, pictures from a digital camera, etc.

The automated, standardised hygiene functions of the E70 significantly reduce potential sources of errors. A consistently high standard of hygiene can be ensured during a normal working day, in which chair hygiene is frequently the responsibility of different employees. Since the hygiene guidelines for dental practices are becoming increasingly strict, this simplifies the workflow and saves a great deal of time.

The E70 leaves both the dentist and patient with an equally favorable impression. The chair is very stable, even when weight-challenged patients shift their position mid-treatment. The materials from which the treatment centre is manufactured are processed expertly, and the surface quality of the unit is outstanding. Overall, patient feedback has been highly positive.