

Learning from the expert at first hand Venus Diamond® Workshop with Professor Cerutti

“Across European Borders”: This was the slogan of the 4th CONSEURO meeting that took place in Seville, Spain, from March 12-14, 2009. Heraeus acted as Silver Sponsor of this convention and organised a workshop on Venus Diamond with Professor Antonio Cerutti.

This year the CONSEURO was organised by the European Federation of Conservative Dentistry (EFCD) together with the Spanish Society of Conservative Dentistry (SEOC). Approximately 500 specialists in preventive, restorative, endodontic and aesthetic dentistry congregated in the 2000-year old, history steeped capital of Andalusia.



In the afternoon of the first meeting day, Professor Cerutti from the University of Brescia (Italy) – an expert in high-aesthetic dentistry – performed a workshop on Venus Diamond titled “The way to success with a new innovative composite”. The course was composed of a theoretical and a practical part. To allow sufficient practical training of the attendees 24 well-equipped workstations were installed by Heraeus. Even though the space for participants was limited, more than 40 people squeezed into the small conference room to attend the interesting lecture.



The course started with a theoretical introduction into the high aesthetic reconstruction of anterior teeth. Professor Cerutti focused on the increasing demand for natural-looking restorations by more and more aesthetically sensibilised patients. To achieve the best aesthetic result, he stated, it is mandatory to adhere to the same treatment protocol each and every time. For example, the rubber dam is vital to prevent filling margins from discolouration and to ensure durable and aesthetic restorations.

Furthermore, he introduced the layering technique to recreate natural-looking teeth to the auditorium, supported by multimedia applications.



This first part of the course was followed by practical exercises. The participants gained first experiences with Professor Cerutti's layering technique. The layering concept of Venus Diamond was easily understood by the attendees. The participants enthusiastically tried different classes of restorations on the provided models. Some dentists even successfully performed the layered build-up of an entire upper central incisal with a palatal silicone index.

Later on, Professor Cerutti continued his lecture with principles on posterior restorations and promising research data on Venus Diamond. The clinical performance of Venus Diamond is currently tested in a class III/IV and V study in Brescia. The one-year results showed no difference between this new universal composite to a comparable material in the control group. Also typical for Venus Diamond is the high degree of conversion after polymerisation compared with other composites which is an indicator for higher wear resistance and lesser residual monomer.

After this last theoretical part the participants were eager to take the opportunity to resume their practical

exercises. Nearly everyone grabbed the unique opportunity to ask Professor Cerutti questions. He and his co-worker Dr Pier Antonio Acquaviva were not tired to give tips to and answer questions of the auditorium. Even after nearly four hours of workshop every workstation was still occupied.

