LEIPZIG, Germany: The German manufacturer of dental materials VOCO is launching a new universal nano hybrid restorative for all cavity classes in October. Grandio®SO can be used for a wide range of indications including class I to V restorations, the reconstruction of traumatically injured anterior teeth or the correction of shape and colour to enhance aesthetic appearances. Interlocking and splinting of loosened teeth, core build-up for crowns, and the fabrication of composite inlays are other indications covered by the material, the company said in a press release.

According to CEO for Marketing and Sales, Olaf Sauerbier, Grandio®SO is currently the most tooth-like material on the market due to its physical parameters and their interaction. He said that the composite’s very high filler content, low shrinkage, as well as high compressive and flexural strength will dentists help to achieve durable and, at the same time, aesthetic restorations. The material is also offering improved thermal expansion behaviour, a very high surface hardness as well as an optimal balance of translucence and opacity, he added.

Grandio®SO has shown to combine exceptionally long workability under exposure to light with very short setting times (10 seconds per 2 mm increment) during subsequent polymerization. It also exhibits good plasticity without tending to stick to the instruments.

Grandio®SO comes in 16 different shades including two new shades (VCA3.25, VCA5), which according to Sauerbier have been in demand for a long time. It is available in the form of rotating syringes and caps.

Canadian dentists in favour of local labs

Daniel Zimmermann

TORONTO, Canada/LEIPZIG, Germany: Fewer dentists in Canada are having their denture prescriptions fabricated in the US or offshore to countries like China, a new survey by the Dental Industry Association of Canada (DIAC) has revealed.

Of the 1,000 dentists who participated in the survey in 2009, only 2.3 per cent sent their prescriptions outside the country—a decline of 4.6 per cent compared with the 2008 survey.

Dentists who responded to the DIAC questionnaire saw “consistent quality” and “better communication” as the main factors in choosing dental labs. Pricing as a factor ranked second place after being a leading factor for two consecutive years. Faster case turnaround was the third highest ranked factor in the survey.

According to the Canadian Dental Association, there were slightly over 2,000 dental technologists working in the country’s couple of hundred dental labs in 2009. Despite a drop in the number of tooth extractions performed by dentists and the promotion of dental health, the number of dental technologists, technicians and laboratory bench workers has increased slightly in recent years, owing to the development of new types of prostheses that require more work.