FOR IMMEDIATE RELEASE
Media Contact: Susan Love
408.867.6324 or cmg_susanlove@yahoo.com

New Flowable Posterior Composite by Heraeus

Venus® Bulk Fill: the efficient way to perfect depth

SOUTH BEND, INDIANA, February 11, 2011—From March 2011, the new Venus® Bulk Fill by Heraeus provides dentists with an efficient solution for posterior restorations. The flowable composite enables fast, easy and reliable bulk filling of up to four millimetres. Venus Bulk Fill combines very low shrinkage stress with high curing depth and excellent radiopacity. The dentist benefits twice: He saves time and money, while achieving a sound and stable restoration.

Venus Bulk Fill is based on Heraeus’ long-term experience in the development of restoratives. It complements the proven Venus system of composites. The new restorative is ideal for use in class I and II direct posterior restorations, as a bulk fill base up to 4 mm underneath a top layer of a conventional composite or as a cavity lining under conventional composite. It can optimally be combined with Venus Diamond universal composite, yet it is compatible to all other methacrylate based restoratives and adhesives as well.

Fast and easy placement technique
With Venus Bulk Fill placement is fast and easy. The dentist no longer needs to fill in several two-millimetre layers. The new composite enables bulk filling in four millimetre increments making posterior restorations much more efficient. The self-adaptive handling ensures ideal cavity adaptation. The composite’s exceptional flow makes it easy for the dentist to completely cover the floor of the cavity. Further manipulation with a dental instrument is not necessary. This eliminates steps prior to final cure and reduces technique sensitivity. Venus Bulk Fill allows for simple dispensing and placement via a convenient pre-loaded tip (PLT) or a non-dripping
syringe. A small final layer of Venus Diamond covers the restoration. On the whole, Venus Bulk Fill saves time and enables a more cost effective restoration. In the American Integrated Media Survey 2010, 82 percent of surveyed dentists claim savings up to 10 hours of chair time per month when they use a bulk fill material.

**Sound and stable posterior restorations**
Venus Bulk Fill creates sound and stable posterior restorations. The flowable composite exhibits a significant reduction in shrinkage stress. This minimizes internal forces on bonded interfaces, prevents marginal gap formation and ensures durable restorations. The composite shows more than 250 percent aluminium radiopacity allowing for very accurate diagnosis. Venus Bulk Fill features a high depth of cure for safely curing thick layers up to four millimetres. In-vitro studies by the University of Munich and by the research lab of the American dental magazine *Reality* now attest the new Venus composite a significantly higher degree of cure compared to SureFil SDR bulk fill material.

**Six intro kits available from March**
Venus Bulk Fill will be available from the end of March for the International Dental Show (IDS) in 2011, in a universal shade as PLT or syringe. Six all-inclusive Venus Bulk Fill intro kits provide the dentist with all required materials for a durable, esthetic restoration – adapted to the dentist’s preferences: For the adhesive layer he can choose between the proven Heraeus bonding adhesives iBOND Self Etch and iBOND Total Etch. For the base layer the kit contains the new Venus Bulk Fill as PLT or syringe. And for the final top layer Venus Diamond composite is included in shades A2.
Fig. 1: The new low stress flowable composite Venus® Bulk Fill by Heraeus will be available from March 2011 as syringe (picture) or PLT.

Fig. 2: Venus® Bulk Fill enables fast and easy bulk filling up to four millimetres via PLT (left) or syringe – an efficient solution for posterior restorations.

About Heraeus
Heraeus, the precious metals and technology group headquartered in Hanau, Germany, is a global, private company with over 155 years of tradition. Our businesses include precious metals, sensors, dental products and biomaterials, quartz glass, and specialty lighting sources. With product revenues approaching € 2.6 billion and precious metal trading revenues of € 13.6 billion, as well as more than 12,300 employees in more than 110 companies worldwide, Heraeus holds a leading position in its global markets.

About Heraeus Kulzer Dental: Transforming Lives
The Heraeus Kulzer Dental Division mission is to advance the oral health of patients around the globe. To that end, we continually apply our research, science and global resources to deliver unparalleled innovation and exceptional products to both dental practitioners and laboratories. While product safety and efficacy are always our main goals, we also aim to create value-based products that unlock new levels of productivity in dental practices and dental laboratories. Interrelated products including the Venus® brand of low stress composites, Venus White® Teeth Whitening Systems, Flexitime® Impressions Solutions, Gluma® Desensitizers, iBond® Bonding Solutions, PALA® Mondial® Teeth, and Modern
Materials® Gypsum Products offer exceptional diagnosis, treatment, and restorative care.

Heraeus also collaborates with health care providers, researchers and academic institutions to support community wellbeing and overall oral health. To that end, Heraeus is a corporate supporter of the National Children's Oral Health Foundation, a nonprofit organization that provides access to care for thousands of underserved children, and the Breast Cancer Research Foundation.

Heraeus is also one of the leading dental alloy refiners in North America with over 50 years of experience. For more information on Heraeus or its products, call (800) 431-1785 or visit www.heraeusdentalusa.com.