World dental implant and bone graft market to top $4.5B by 2012

Global sales of dental implant systems, fast becoming the preferred restoration for replacement of missing or extracted teeth or as supports for dentures, crowns and bridges, are expected to maintain double-digit growth during the next five years, soaring to more than $4.5 billion, according to “Implant-Based Dental Reconstruction: The Worldwide Dental Implant and Bone Graft Market,” second edition, a new study released from Kalorama Information.

Sales of dental implants and abutments rose more than 15 percent in 2006 alone reaching nearly $2 billion, led by Europe, where the popularity of implants saw sales peaking at $760 million or 42 percent of the global market.

Advanced bone grafting and regeneration techniques have radically expanded the possibilities for implant-based restorative dentistry. World sales of dental bone grafts reached $150 million in 2006, up 12 percent from 2005.

The report projects the use of bone grafts will more than double by 2012 with revenues reaching $226 million.

Grafting techniques are making it possible to expand the candidate pool for implants to include a sizable population of edentulous patients who were poor candidates for dental implantation due to severe bone resorption.

The most closely watched research and development projects in dental bone grafting today involve bone morphogenic protein (BMP) products,” noted Anne Anscough, the report’s author.

“BMPs have the potential to transform the bone grafting market and surpass all other products on the market including synthetic substitutes, allografts, and demineralized bone matrices. With the announcement in March that the FDA approved Medtronic’s Infuse Bone Graft for certain oral maxillofacial and dental regenerative bone grafting procedures, the future of BMP and increased use of grafts and implants looks very promising.”

Implant-based dental reconstruction includes revenue forecasts for each segment through 2016, global market share for four geographic regions, more than 35 tables and figures with detailed market data, reviews of new products, and computer-aided dentistry and reimbursement trends.

It can be purchased directly from Kalorama Information by visiting www.kalorama.comformation.com/Implant-Based-Dental-1599457. It is also available at MarketResearch.com.

Cadent iTero added to curriculum at LVI

Cadent, a leading provider of 3-D digital and CAD/CAM solutions, recently announced it has signed an agreement with the Las Vegas Institute for Advanced Dental Studies (LVI), one of the world’s premier postgraduate dental training facilities, where the iTero digital impression system will become the exclusive digital impression technology integrated into LVI’s curriculum.

LVI students who attend Core II (orthodontic maintenance, adjustment and essential esthetic reconstructive techniques) and Core III (mastering dynamic adhesion in complex reconstructive cases) will be exposed to the iTero system.

Core V (comprehensive esthetic occlusal reconstruction) and Core VII (full-mouth reconstruction — essential tools for finalization of neuromuscular rehabilitation) programs will have the opportunity to utilize iTero in the restorative process. iTero clinical trainers will be onsite during the programs to provide training and hands-on support for LVI students to obtain live case experience working with the iTero system.

Along with Cadent, the LVI partner laboratories (The Aurum Group, DTI MicroDental, Las Vegas Esthetics and Las Vegas Dental Lab) will provide the comprehensive prosthetic case development from the iTero digital impressions.

“The integration of iTero into the LVI curriculum supports our expanding network of educational opportunities for new and existing iTero dentists,” said Timothy Mack, president and chief executive officer of Cadent.

“Cadent recently completed its 2 millionth 3-D digital case for restorative dentists and orthodontists, a record of proven success which is required even to earn recognition by the faculty at the LVI.”

“We are especially pleased that iTero has been deemed worthy of a partnership with LVI, a world-class organization that provides dentists with the continuing education needed to further develop their restorative dentistry practice.”

“The inclusion of the iTero digital impression system supports LVI’s ongoing efforts to integrate the best of dentistry’s technological advances into the iTero digital curriculum,” said William G. Dickerson, DDS, founder and chief executive officer of LVI. “The era of digital dentistry has arrived and the addition of iTero to our programs will enable LVI students to become proficient in the industry’s most successful digital impression system.

“Tero serves more than 1,700 dentists in 12 countries, and is the only digital impression technology that does not require powdering or coating of the teeth, enabling the processing of more complex cases than any other system.”

(Cadent)

IT Corrections

Implant Tribune strives to maintain the utmost accuracy in its news and clinical reports. If you find a factual error or content that requires clarification, please report the details to Managing Editor Sierra Rendon at s.rendon@dentaltibune.com.