

ClaroNav Inc. granted CE Mark for Navident

ClaroNav Inc. announced recently that it has received CE Mark approval for the commercial sale of its Navident dental navigation system. Over the coming months the company will launch the product in dental clinics, hospitals and universities placing implants throughout Europe. Navident is a class IIa medical device and indicated for image-guided navigation of dental surgery.

“This is a major milestone for our company and for dental implant patients and practitioners”, stated Doron Dekel, CEO of ClaroNav Inc. “For patients the potential for minimally invasive (flapless) surgeries will greatly reduce their pain, swelling and overall recovery time after dental surgery. For the dental practitioner, using the CT scan information to navigate surgery in real time provides the opportunity to avoid critical structures and ensure an extremely accurate placement of an implant for an ideal patient outcome. We are eager to begin our commercial launch in Europe.”



Navident employs proprietary stereoscopic optical position sensor technology to detect special patterns from the dental hand piece and the patient's jaw and constantly report their relative position to a small fraction of a millimeter, to the Navident software. This sub millimeter precision is critical in dentistry where a millimeter can be the difference between the success and failure of a dental implant procedure or the avoidance of the mandibular nerve (paresthesia) or the lingual artery (hemorrhagic event).

Source: ClaroNav

Increasing demand boosts dental CAD/CAM system market in Asia Pacific

According to a recently published report on the Asia Pacific dental prosthetics market by iData Research, an international market research company, the emphasis on dental aesthetics in South Korea has increased over the past few years. This has resulted in continued market growth at a steady rate, driven by patient demand, as well as low procedural cost. Over the forecast period, the South Korean dental prosthetics and CAD/CAM market is projected to reach a value of nearly 4 billion Dollars (3.6 billion Euros). The South Korean market has relied on traditional methods and materials for the fabrication of prostheses, like porcelain-fused-to-metal crowns. Consequently, there has been little investment in CAD/CAM systems compared with more developed markets, such as the US and parts of Europe.



“Due to the emphasis on dental aesthetics in South Korea, many CAD/CAM companies have seen a potential market and promoted their systems with substantial discounts,” explained Dr Kamran Zamanian, President and CEO of iData. “Therefore, the in-lab system market is approaching saturation, with a small percentage of dental labs remaining that can afford the systems.”

Prices for CAD/CAM systems and CAD/CAM blocks are expected to decrease gradually throughout the forecast period. As scanners and milling units become increasingly affordable, more dental laboratories and clinics will be able to invest in the technology. The increasing use of CAD/CAM systems in conjunction with decreasing block prices will drive growth in the CAD/CAM prosthetics market.

EuroPerio sees launch of International Association for Halitosis Research

Halitosis affects a vast number of people worldwide. However, sound epidemiologic data on halitosis is rare. In order to address this lack of scientific data on the condition, the International Association for Halitosis Research (IAHR) was officially formed on 5 June at a meeting of leading halitosis researchers during EuroPerio8 in London. As new insights into the problem of bad breath are rapidly expanding, the IAHR aims to promote research on all aspects of halitosis and its related issues and to distribute and publicise the research.

“The field of halitosis research has an enormous impact,” said IAHR President, Dr. Edwin Winkel. “Halitosis has always been a problem but we are responding to a huge increase in research activity and these findings translate into guidelines for dental professionals and medical practitioners. Not only do we need to create awareness among the public, but we should also enhance the information and treatment advice for professionals,” he explained. According to Belgian Professor, Marc Quirynen from the Department of Pe-

riodontology at KU Leuven University near Brussels, oral healthcare professionals have a crucial role to play in diagnosing, informing and treating patients who are often not even aware that they suffer from bad breath. During a lecture at the EuroPerio congress, which was held in London last week, he pointed out that 9 in 10 cases of halitosis are attributable to tongue coating, gingivitis, periodontitis and other conditions in the oral cavity. He further said that the minority of cases are caused by systemic diseases or conditions.

