

## Barcelona hosts international seminar about new technology solutions for cranial implants

The seminar organized in the framework of the European project Custom IMD to present new techniques to produce highly customised medical implants

**Cerdanyola del Vallès, 28<sup>th</sup> July, 2010**

The [Custom IMD](#) consortium, an European R&D Project in the field of industrial technologies for the medical sector, organizes an international seminar about the new technologies in Rapid Prototyping for the manufacturing of highly customised cranial-maxillofacial implants produced according to the patients' anatomy.

The event "Medical Rapid Prototyping and Additive Manufacturing in Cranio-maxillofacial Surgery" takes place on the **September 28<sup>th</sup>**, at Santa Creu i Sant Pau Hospital, in Barcelona, Spain.

Addressed to healthcare professionals (cranio-maxillofacial surgeons, neurosurgeons) industrial designers and biomedical engineers), the program will tackle the new rapid prototyping technologies applied to the production of customised implants, digital design of medical devices, new biocompatible materials and their applications. Participants can also participate in a practical demonstration of design software used in the personalization of medical implants.

Speakers invited include European experts on the field of medicine, medical engineering and customized manufacturing through Rapid Prototyping.

The seminar and workshop is organized by Ascamm Foundation (Barcelona, Spain) and the Department of Cranio-Maxillofacial Surgery of the Maastricht University Medical Centre with the support of Hospital de la Santa Creu i de Sant Pau (Barcelona, Spain) and Materialise N.V. (Leuven, Belgium).

The registration fee is €99 for companies and professionals (free for students with valid student ID). For further information: [medical-ws@ascamm.com](mailto:medical-ws@ascamm.com) or calling at +34 935 944 700 (with Mrs. Pilar Morera).

### **ABOUT CUSTOM IMD PROJECT**

Custom IMD is an European research consortium which aims at providing industry with a breakthrough concept in high customised implants. Medical devices will be designed, manufactured, sterilized and delivered in a 48-hour time frame, fitting the specific needs and physical characteristics of each patient.

The core project activities include the development of biomaterials as well as the use of Rapid Manufacturing technologies applied to the project needs. The first investigation lines are focusing their studies on cranial, spinal implants and dental restorations.

Coordinated by [Ascamm Foundation](#) (Barcelona, Spain), the consortium is formed by 23 partners from seven European countries. Starting its activities in 2007, the project has a four years duration with an estimated budget of 9.8 million Euros. About 50% of

this amount is funded by the European Commission within the Sixth Framework Programme for R&D.

For further information, please visit [www.customimd.eu](http://www.customimd.eu).