



## NEWS RELEASE

### **Guide3D Labs to offer implant surgical guides with new Bio-Clear dental material**

Rehovot, Israel, October 20, 2011 – [Objet Geometries Ltd.](#), the innovation leader in [3D printing](#) for [rapid prototyping](#) and additive manufacturing has announced today that Guide3D Labs will start offering its dentists customers surgical guides made of the new [Bio-Compatible 3D printing material](#) (MED610™). According to Guide3D, the material combines' bio-compatibility with high transparency, which turns it to be an ideal material for the production of highly accurate, customized implant surgical guides.

According to David Kenyan, Engineer of Guide3D Lab “Using the transparent Bio-Compatible material enables the dentist to easily use customized 3D printed surgical guides in the mouth and enables them to better monitor the soft tissue underneath to ensure a safer and more successful dental procedure.”

Avi Cohen, Head of Medical Solutions at Objet adds, “Objet Bio-Compatible material is manufactured under the ISO 13485:2003 certification, which enforces the requirement of a comprehensive quality management system for the design and manufacture of medical devices.”

The new Objet Bio-Compatible material is ideal for prolonged skin contact of over 30 days and mucosal-membrane contact of up to 24 hours. It has five medical approvals according to the harmonized standard ISO 10993-1: Cytotoxicity, Genotoxicity, Delayed Type Hypersensitivity, Irritation and USP Plastic Class VI.\* MED610 is also manufactured under the ISO 13485:2003 certification, which specifies that each and every batch of the material undergoes bio-compatibility conformity testing, including GC-FID before it is packaged. This ensures the highest bio-compatible standards for dental solutions requirements.

To find out more about Objet's digital dentistry solutions please visit [www.ObjetDental.com](http://www.ObjetDental.com)

#### **About Guide3D Labs**

Guide3D Lab is a dental institute that develops advanced technologies and procedures for the dental implants market. Guide3D's team has developed a smart design solution that features numerous technical dental implants and surgical guides using CyberMed inc software specifically designed for making very precise surgical guides .

Founded in 2010, Guide3D is among the most promising companies nationwide for the manufacture of surgical guide appliances. Guide3d will also manufacture modules made of transparent material which can be used for the planning and precise execution of major intra oral and maxillofacial surgical procedures, such as block excision of aggressive tumours and closure of large maxillary clefts by bone

grafting with block grafts. Gude3d Lab is also investigating and developing the use of 3D modeling in field of orthopedic surgery.

<http://www.guide3d.net>

### **About Objet Geometries**

[Objet Geometries Ltd.](#), the innovation leader in 3D printing for rapid prototyping and additive manufacturing, provides 3-dimensional printing systems that enable manufacturers and industrial designers to reduce cost of product development and dramatically shorten time-to-market of new products.

Objet's ultra-thin-layer, high-resolution 3-dimensional printing systems and materials utilize PolyJet polymer jetting technology, to print ultra-thin 16-micron layers. The market-proven Objet Eden line of 3D Printing Systems. The Objet Connex multi-material family is based on Objet's PolyJet Matrix Technology, which jets multiple model materials simultaneously and creates composite Digital Materials on the fly. All Objet systems use Objet's FullCure® materials to create accurate, clean, smooth, and highly detailed 3D parts.

Founded in 1998, Objet serves its growing global customer base through offices in USA, Mexico, Europe, Japan, China and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions. For more information, visit us at [www.objet.com](http://www.objet.com), and for more about 3D printing industry-related news, business issues and trends, read the [Objet blog](#).

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