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Your partner for
professional
3D printing

Additive manufacturing is
constantly evolving.

While in the beginning it was
mainly used for the production
of prototypes, the quality of the
technology has now advanced to
the point where it meets the
high standards of medical
technology.

As an experienced 3D printing
provider, PROTIQ supports you
in the development and
production of innovative medical
products.



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PROTIQ
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PROTIQ



You are experts in the field of medicine, we are the experts for additive manufacturing.

Together we create innovation.

About the PROTIQ GmbH

PROTIQ GmbH is the founder of the PROTIQ Marketplace and the additive manufacturing competence of the Phoenix Contact Group. Based on this experience, we advise and support you: from the creation of the 3D data to the manufactured prototype or model.

PROTIQ offers a diverse range of over 120 materials and more than 10 manufacturing processes on its platform, completed by important services around additive manufacturing.

Advantages of additive manufacturing for medicine

-  Manufacture of individual aids for operations and postoperative therapies
-  Manufacture of precisely fitting implants, prostheses, surgical instruments, etc.
-  Production of true-to-the-original exercise models, e.g. of organs
-  Large and constantly growing selection of usable materials and processes
-  Short production times and thus fast patient care

Examples of applications

Orthopaedic shoe lasts

We can print high-quality shoe lasts overnight. The TPU lasts can be processed in the same way as conventional shoe lasts made of wood. Use the free configurator on our website (developed in cooperation with *trinckle*) to configure your individual 3D models.

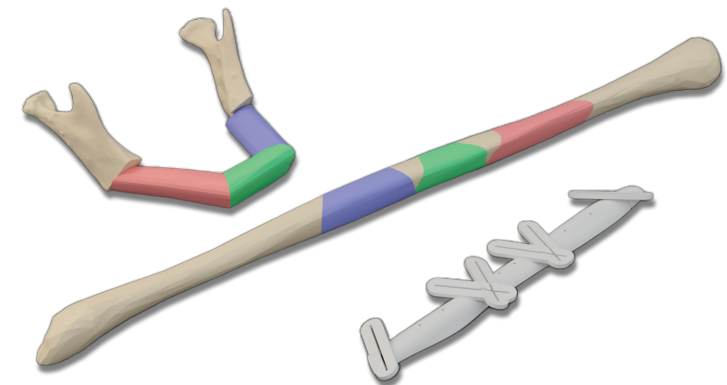
Cutting guides

If parts of the jaw have to be removed, they can be reconstructed with the body's own material. However, cutting the fibula, that used for this, into small parts and then reassembling it at the correct angle is precision work.

Inzipio's software solution enables the automatic generation of surgical guides, which are then manufactured from PA12 by PROTIQ and support surgeons.

For more information visit:

www.protiq.com/en/3d-printing/areas-of-application/medical-technology



Graphic: Inzipio


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