

Quality Management System

In order to fulfill the international quality requirements concerning the manufacturing of medical implants, MEDILUC has obtained the ISO 9001:2008 and ISO 13485:2012 certifications.

Thanks to its quality management system, MEDILUC can guarantee the traceability of every single product in the production chain, from the first step to the final packaging, thanks to a dedicated software.



Dimensional controls

In order to guarantee that every single product leaving our production site in Bodio is not only conform to the aspect specifications of our customers but also to the dimensional specifications, MEDILUC has invested in a new generation 3D measuring machine, capable of detecting any geometrical defects and discrepancies with respect to the drawings or technical specifications of the customer.

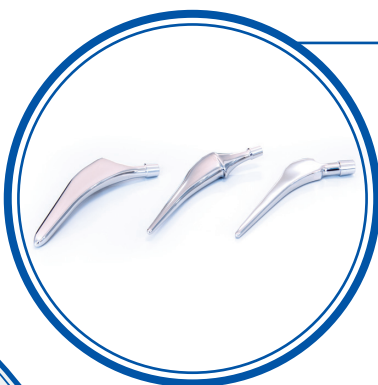


Polishing

Since 2001, MEDILUC is specialized in the polishing of orthopaedic implants.

Thanks to our polishing processes, we can reach a surface roughness of less than 0.03 µm and a brilliant aspect.

Furthermore, thanks to low roughness, we can avoid porosity on the polished surfaces as well as surface defects.



Complete service

MEDILUC can offer a variety of services, such as: CNC machining, grinding, sand blasting, polishing, flat lapping, preliminary ultrasonic cleaning, laser marking, passivation, 3D dimensional control of the geometries, titanium anodization and packaging.



Flat Lapping

For flat surfaces, such as those of mobile tibial trays, where a nice flatness and a perfect surface finishing are needed, MEDILUC has developed a "complete flat lapping process".

The flat lapping process is composed of three main steps. The advantages of this lapping process is that a flatness of the surface of 0.002 mm can be reached. Furthermore the aspect of the polished flat surface is excellent compared to a classic polishing process.



manufacturing and finishing



mediluc
sagl



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your **perfect partner** for the **manufacturing** and **finishing** of orthopaedic implants, trauma components and surgical instrumentation.





MEDILUC sagl, located in Switzerland, the heart of Europe, is specialized in the manufacturing and finishing of orthopaedic implants and surgical instrumentation. Since 2001, we serve the Swiss and European markets, and thanks to our experience, knowledge and passion, we always guarantee high quality products.

Thanks to recent investments, MEDILUC has widened the range of services that can be offered to its customers, in order to satisfy their requests and their needs.

In the last decade, the medical implants' market has radically changed; nowadays the demand for high quality products at competitive prices, as well as production flexibility are the most important credentials for a supplier.

In the medical industry, everything turns around quality and quality management, for this reason, MEDILUC has obtained the International Standard Certifications ISO 9001:2008 and ISO 13485:2012, which is specific for the management and manufacturing of medical products. Every process and every step in the production chain is controlled thanks to a special software, capable of monitoring the production of every lot in production. In addition to that, every process is validated internally and in collaboration with the customers. MEDILUC collaborates also with a laboratory for the validation and controls of special and critical processes such as the laser marking process, anodization and passivation processes, in accordance with the ASTM regulations.

MEDILUC sagl represents an advantageous alternative to high costs internal investments, we collaborate with our customers in order to find solutions and satisfy their needs. With our experience in terms of finishing of medical implants, we can offer high quality solutions with the latest technologies and we can improve the functionality and performances of the implants.

