

We are EndoLab®

- Independent
- ISO 17025 certified
- More than 20 years experience
- Active in more than 30 countries



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Mechanical Implant Testing Services



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VERIFIED  
PERFORMANCE



# Implant testing

■ **Hip** 80+ wear test stations and 30+ servo-hydraulic test frames  
■ **Knee** 20+ wear test stations, knee constraint evaluation, patella wear analysis, contact pressure assessment  
■ **Spine** 80+ spinal disc wear test stations and 30+ servo-hydraulic test frames, nucleus and extra-discal implant wear and fatigue evaluation  
■ **Shoulder** Wear and fatigue analysis, glenoid loosening test frame  
■ **Finger** Wear and fatigue test stations  
■ **Osteosynthesis** Wear, fatigue and corrosion testing, screw pull-out and driving torque test frames  
■ **Corrosion** Potentiostatic and potentiodynamic corrosion analysis, fretting assessment  
■ **Pen injectors** Dose accuracy analysis, dialing torque, static and fatigue tests  
■ **Ankle implant** Wear and fatigue test stations  
■ **OR Surgical Accessories and Packaging** Leakage and burst analysis  
■ **Vascular** 10+ dynamic fatigue testers, static testing, multi-axial loading systems, anatomical/simulated use test frames  
■ **Materials & Coatings** Static and fatigue testing, abrasion assessment, porosity and thickness analysis software  
■ **Biolab for TEMPs**  
■ **Finite Element Analysis**



# About EndoLab®

EndoLab® GmbH is one of the leading companies in international implant testing. We offer a range of technological services to the international market for development, certification and marketing of medical products (both CE and FDA certification).

EndoLab® is a certified testing laboratory (ISO 17025) that specializes in both standardized and customized test setups. Over 200 medical companies, located worldwide, benefit continuously from our 20+ years of implant testing experience.

EndoLab® hosts the latest test methods and analysis tools in our 12.000 sq. ft. facility. Our extensive testing expertise covers the tribological field (static/dynamic testing, wear and particle analysis), all aspects of mechanical performance evaluation, and extends to soft tissue characterization.

