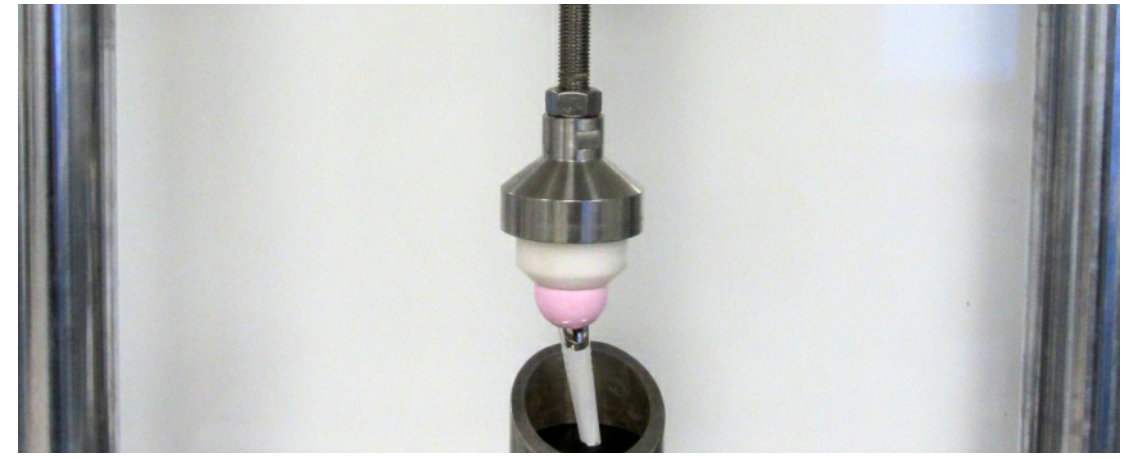


# CETIM: SERVING THE BIOMEDICAL INDUSTRY

Complete service for the biomedical industry - From design to validation



## Your expectations

You would like to:

- Develop your innovative products to meet the needs of the market
- Characterise your parts or process with a view to optimising them
- Validate the performance of your implants as part of particular experimental references or standards.

## Our solutions

High-performing environment for following the development of your medical devices, with skills in the following areas:

- Standard processes: forge, machining, shaping by distortion, etc.
- Innovative processes: high speed powder compacting, additive processes, etc.
- Materials: help in the choice of metals, plastics, composites, etc.
- Simulation (use of the leading major market codes).
- Mechatronics (development of a special sensor, functionalisation of your product).

Customised expertise for medical devices:

- Metallurgical and / or tribological analyses, characterisation of surfaces and coatings.
- Failure analysis (corrosion, wear, fatigue, etc.).
- Consulting services on cleaning technology, cleanliness check.
- Metrological testing, topographic analysis.

An entire team dedicated to implementing your tests:

- Design office integrated into the laboratory.
- Development of single or multi-axial fatigue, wear or static benches.
- Assistance in choosing an experiment protocol for implementing in accordance with the purpose of the test, in using and capitalising on the results.
- Static or fatigue tests on all types of implant: Hip, wear, knee, shoulder, spine, dental, etc.

## Your benefits

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Broad spectrum of skills adapted to solve your problems.

Comprehensive management and project monitoring adapted to your requirements.

Cofrac environment for tests on hip protheses and dental implant (accreditation COFRAC - No. 1-1006 - Scope available on [www.cofrac.fr](http://www.cofrac.fr)).



**Question and Answer Service**  
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