

## Production, surface finishing, washing, packing and sterilization of osseointegrated dental implants

Being specialized in offering integrated services in the oral implants field, NanoSurfaces offers the following services, either directly or through qualified suppliers:

- decontamination and washing treatments;
- stainless steel surface finishing (micro shot-peening, polishing, sandblasting), titanium components colour coding and polishing;
- development and realization of chemical or electrochemical treatments (mordanting or high thickness anodic oxidation) aimed at obtaining an implant surface finishing with enhanced osseointegration;
- coordination of in vitro analyses (biological and mechanical validation) and in vivo (on model animal) to characterize the osseointegration behaviour;
- suitable documentation supporting the certification of performed processes;
- total process traceability;
- final washing and packing in clean room (ISO class 5);
- sterilization.

NanoSurfaces can offer a turnkey service; these services can also be provided separately (1-6).

