UNIVERSITY OF GENOA
DEPARTMENT OF INFORMATICS, BIOENGINEERING, ROBOTICS AND SYSTEMS ENGINEERING
MASTER'S PROGRAM IN BIOENGINEERING

Thesis Project Form

Title (tentative): Polymer based composites materials comparison for dental applications before and after sterilizing treatments.

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Description

Motivation and application domain

Experimental interests in composites materials focused over dental and biomedical applications

General objectives and main activities

Sterilizing items are necessary steps in biomedical science but these highly energetic treatments normally do not fit with the inner nature of composites materials, specially those based upon polymers, created with additive manufacturing and aimed to support eventual drug delivery procedures. The thesis will be focused over low temperature sterilizing procedures in order to better fit with dental composites materials

Training Objectives (technical/analytical tools, experimental methodologies)

Experimental Methodologies

Place(s) where the thesis work will be carried out: DICCA

Additional information

Maximum number of students: 1