



Thesis Project Form

Title (tentative): Analysis and experimental verification of skeletally anchored rapid palatal expanders for dental use

Thesis advisor(s): Barberis Fabrizio

E-mail: fabrizio.barberis@unige.it

Address:

Phone: (+39) 010 33 56566

Description

Motivation and application domain

Thesis will be focused over students keen to work on dental problems in a materials science Lab at DICCA Dept

General objectives and main activities

The Thesis will be developed in collaboration with Dr Matteo Schiaffino, PhD student on dental issues at DICCA Dept at Material Science Lab. This project is focused to study and develop palatal expanders in order to treat and fix maxillofacial and dental issues able to greatly affect the patient life. The project will compare and analyze the effects of different palatal expanders creating a useful set of experimental data to improve their structure and functionalities

Training Objectives (technical/analytical tools, experimental methodologies)

The student will be trained in the Lab activities and test that will be applied to analyze the functional and mechanical features of these palatal expanders

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

Additional information

Pre-requisite abilities/skills: Good feeling with lab activities, independency, ability to work in team

Maximum number of students: 1

Financial support/scholarship: no