

# Technical laboratory

## Introduction

Our advanced technical laboratories are equipped with latest generation technological apparatus and employ highly innovative materials (metal porcelain e.max, BIO HPP and CAD-CAM).

## CAD-CAM

One of the latest technological tools to be introduced is that of CAD-CAM: a camera records the impression and a software “designs” the personalized prosthesis, which is then produced by the same device. This rapid and accurate method is particularly useful for complex prostheses where greater precision is called for, as in the case of large circular bridges.

## Metal-free porcelain - E.MAX

Metal-free porcelain is one of the latest techniques used in the construction of crowns and bridgework. The elimination of a metal frame ensures aesthetically perfect and naturally coloured crowns and bridges, as well as preventing the appearance of black rims on the neck of teeth. The most outstanding results can be achieved on front teeth.

## BIO HPP

Another novelty is that of prosthesis moulding with BIO HPP: a material similar in appearance to zirconia but more economical and not actually a metal. The composite material, which reproduces the shape and colour of natural teeth, is applied to BIO HPP, with a reduced risk of tooth consumption. BIO HPP offers greater flexibility and better force transmission. It is also recommended for circular bridgework.





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