



# Ivoclar porcelain system empress max, part from modern dentistry

## Introduction

Presentation of modern material for production aesthetic modern fixed prosthetic products. IPS e.max is a comprise solid and highly aesthetic pressing materials and CAD / CAM technology (IPS e.max Press, IPS e.max Ceram, IPS e.max ZirPress, IPS e.max ZirCad, IPS e.max Cad).

## Material and method

The materials for this research are obtained by requesting the appropriate literature for this subject.



**IPS e.max Cad**



**IPS e.max Ceram**



**IPS e.max ZirPress**



**IPS e.max Press**



**IPS e.max ZirCad**

## Results

IPS e.max Ceram is a universal fluorapatite ceramic for layering, optimally adapted to the materials of the IPS e.max system for the production of aesthetic products. IPS e.max Ceram is a nano-fluoride apatite, highly aesthetic ceramic for faceting non-metallic fixed prosthetic structures . IPS e .max Ceram can be used in the entire IPS e.max system. IPS e.max ZirPress represents a system of fluorapatous glass- ceramic ignorant, it is fast, easy, efficient and highly aesthetic material. IPS e.max ZirCAD is a material of choice for cases in which the essence of high mechanical stability, thin restoration walls and natural aesthetics. The IPS e.max CAD blocks are made of lithium-disilicate ceramics and offer new possibilities in the use of non-metal ceramics. Glass-ceramic blocks IPS Empress CAD reinforced with leucite, integrates the modern process of manufacturing with CAD / CAM technology and the exceptional features of non-metal ceramics have a completely natural translucency and high aesthetics.

## Conclusions

IPS e.max is an innovative system for the fabrication of non-metallic structures that covers all indications. The application of the new forms of indirect restoration in addition to excellent aesthetics also allows for the supra-gingival setting of the edges of the crown, which is especially suitable for the anthropoietic.