

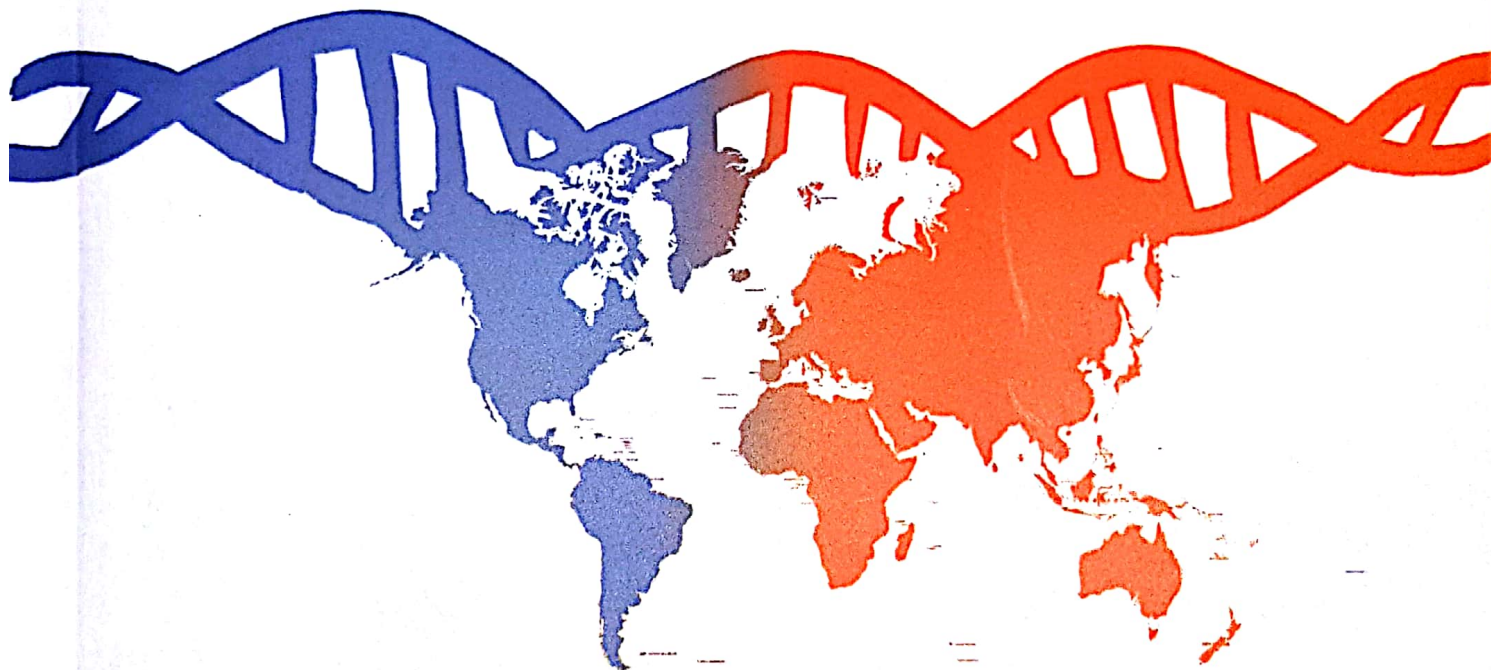


Sofia, Bulgaria  
11-14 May, 2017



for students and young doctors

# Abstract Book



XVI International Congress of Medical Sciences  
Sofia, Bulgaria  
11-14 MAY 2017



# ALL CERAMIC CROWNS FOR POSTERIOR TEETH

**Authors:** B. Nelu, N. Bajurea, O. Cheptanaru, S. Melnic, M. Bujor

**University:** State University of Medicine and Pharmacy "Nicolae Testemițanu"

**Country of University:** Republic of Moldova

**Introduction:** All-ceramic inlays, onlays, veneers, and crowns are some of the most esthetically pleasing prosthodontic restorations. Because there is no metal to block light transmission, they can resemble natural tooth structure better in terms of color and translucency than can any other restorative option.

**Aim:** To provide a restoration that fits harmoniously into the facial composition, while hoping to emulate the previously existing teeth, gingiva, mucosa, soft tissue and bone as closely as possible, providing that these components previously existed in esthetic harmony

**Materials and methods:** Patients referred to the department of Prosthetic Dentistry and Oro-Maxillo-facial Surgery (University Medical Center Chisinau, University of Moldova) for posterior restauration treatment were considered. From the years 2014 to 2017, 34 consecutive patients (23 females and 9 males) ranging in age from 21 to 30 years presented for the esthetic restauration of posterior teeth. All ceramic crowns were placed on the posterior teeth. IPS Empress and IPS emax (Ivoclar Vivadent, Lichtenstein) and Zirkonia were used for fabrication of all restoration.

**Results:** Positive

**Conclusion:** The allergic reaction by some to metal alloys is a weak point against metal ceramic restorations which increased the demand on the more biocompatible all ceramic restorations.

**Keywords:** all ceramic , zirkonia , esthetic

**Contact authors at:** nelu90@bk.ru