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| Field of research Research Lines |
| |  |  | | --- | --- | | Fixed restorations | * Cer-fused to metal Alloys (Characterization, modifications, surface treatments, new materials development. * Cer-fused to metal ceramics (Characterization, modifications, new materials development. * All-ceramic restorations. * Resin-bonded restorations. * Lab. Procedures. * Tooth preparations: Biomechanics, esthetics, biocompatibility,…) | | Biomaterials | * Luting agents & cements. * Modification and development of dental ceramics. | | Interdisciplinary prosthodontics. | * Periodontal issues. * Operative dentistry and prosthodontics. * Oral surgery and tissue management. | | Color and optical properties in prosthodontics | * Color matching techniques, tools and software. * Dental photography | | Removable prosthodontics | * Management of complications. * Biomaterials. | | Interdisciplinary restorative dentistry. | * Endodontic issues. * Periodontal issus. * Orthodontic issues | | Advanced restorative dentistry. | * Digital restorative dentistry. * Tele-dentistry. * Bioceramics in restorative dentistry. * Laser assisted in restoration procedures. | | Biomimetic restorative dentistry | * Deep margins elevation. * Biomaterials. * Biomechanics. * Clinical studies. | | Bleaching | * Tooth whitening products. * Various application of bleaching materials. | | Restorative Dental Materials | * Direct restorations.(Amalgam, Composite, Glass ionomer, pulp cap materials, liner&bases) * Indirect restorations.(Metals, Ceramics) * Biocompatibility of restorative materials. | |