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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. * Biomechanics | | Advanced prosthodontics | * Digital prosthodontics. * Tele-dentistry. * Full-mouth reconstruction. * Laser assisted in restoration procedures. | | Implant-supported fixed or removable prostheses | * Biomaterials. * Biomechanics * complications | | Occlusion | * Occlusal Disease * Vertical Dimension * Solving Occlusal Problem | | Temporomandibular joint | * Temporomandibular Disorders * Etiologic Factors * Parafunction * Bruxism &Clenching * Management * Appliance therapy | |