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| Field of research Research Lines |
| |  |  | | --- | --- | | Diagnosis | * Radiographic interpretations in endodontic and non-endodontic lesions. * Pulp vitality tests in differential diagnosis. * Non-endodontic lesions. | | Pain and Pain control | * Diagnosis of non-endodontic origin pain. * Management of non-endodontic origin pain. * Post treatment pain and flare-ups. | | Endodontic anatomy | * Varieties in tooth anatomy in Iran. * Tooth anatomy and success of treatment. * Specified cleaning and obturation techniques. | | Cleaning, shaping & obturation of root canal | * Biomaterials: characterization, modification, and development * New Techniques and modifications. * Root canal irrigates and techniques. * Herbal extractions usage in irrigation. | | Management of accidents and failures | * Management of root perforations. * Non-surgical retreatments * Endodontic surgery. | | Regenerative endodontics | * Growth factors * Tissue scaffolds for pulp regeneration. * Revascularization. | | Dental trauma | * Vital pulp therapy * Non-vital pulp therapy * Biomaterials | | Advanced endodontics | * Root resorptions. * Vital pulp therapy. | |