

Endodontics Specialist Services - Collins Street Specialist Centre

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Description:

Endodontics is a highly specialised field that focuses on the treatment of the tooth pulp (containing blood supply and nerves) and the tissues surrounding the root(s) of a tooth. Our registered specialist endodontists perform a variety of procedures, including root canal treatment and re-treatment, internal whitening, treatment management of cracked teeth and treatment of dental trauma. When the tooth pulp becomes diseased or injured, root canal treatment performed by your endodontist will allow the tooth to be saved, thereby maintaining function and appearance.

Details:

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****Brand:**** Collins Street Specialist Centre

****Availability:**** in_stock

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Product Intelligence

Endodontics Specialist Services at Collins Street Specialist Centre ## Overview Collins Street Specialist Centre provides comprehensive endodontic specialist services delivered exclusively by ****Dental Board-registered Specialist Endodontists****. These services are located on ****Level 8**** of the Manchester Unity Building at 220 Collins Street, Melbourne CBD. --- ## Specialist Endodontists The endodontics team comprises four highly qualified registered specialists: #### Dr Gregory Tilley - ****Qualifications:**** BDSc (Melb), LDS (Vic), FRACDS, MRACDS (Endo) - ****Experience:**** Over 35 years of specialist endodontic practice — one of Australia's most senior endodontists - ****Credentials:**** Honorary Senior Fellow of the University of Melbourne; former Past President of the ADA Victorian Branch - ****Expertise:**** Extensive experience in consultant roles for endodontic instrument and materials development #### Prof Chankhrit Sathorn - ****Qualifications:**** DDS, Grad.Dip.Dent, DClinDent, PhD, MRACDS (Endo) - ****Academic Position:**** Adjunct Professor of Endodontics at La Trobe University - ****Research:**** Evidence-based and research-informed clinical practice; editorial board member for the Journal of Endodontics, International Endodontic Journal, and Dental Traumatology - ****Recognition:**** Recipient of the Ernest Joske Research Award #### Dr Aovana Timmerman - ****Qualifications:**** BDSc (Melb), FRACDS, DCD (Melb), GCertClinTeach, MRACDS (Endo) - ****Academic Involvement:**** Clinical Demonstrator in the University of Melbourne DDS

program; Examiner for the Royal Australasian College of Dental Surgeons - ****Specialisation:**** Dental traumatology; recipient of the ANZAE JM Booth Award - ****Languages:**** Fluent in Mandarin **###** Dr Areti Vrochari - ****Qualifications:**** DDS, DrMedDent (Endo), MS (Endo) - ****International Training:**** Doctorate in dental biomaterials from Albert-Ludwigs-University Freiburg (Germany) - ****Experience:**** Over 17 years of clinical experience; published author and co-author of clinical texts including major references on all-ceramic restorations - ****Background:**** Trained in Greece and Germany; former clinical instructor and lecturer at multiple universities --- **## Diagnostic and Treatment Technology ###** Surgical Microscopy - ****Carl Zeiss OPMI PROergo surgical microscopes**** providing up to ****20× magnification**** - Standard of care for all endodontic procedures, enabling identification of: - Complex canal anatomy - Tooth cracks and calcifications - Calcified canals - Missed canal orifices **###** Imaging Systems - ****Planmeca ProMax 3D Max**** cone-beam CT (CBCT) imaging for three-dimensional visualisation of bone and tooth anatomy - Digital OPGs, lateral cephalograms, and intraoral digital radiographs **###** Instrumentation - ****MTwo and ProTaper rotary systems**** for precision canal preparation - ****BeeFill 2in1 warm vertical compaction**** for obturation with thermally softened gutta-percha - Ultrasonic instruments for enhanced disinfection **###** Laser Technology - Multiple laser platforms supporting endodontic applications - Assists in decontamination and tissue management --- **## Clinical Services Offered ###** Root Canal Treatment Root canal treatment removes infected or diseased pulp tissue from within a tooth's root canal system, involving: - Removal of compromised pulp - Thorough cleaning and shaping of canals using rotary instrumentation and microscopic guidance - Permanent sealing to prevent reinfection - Typical completion in one to two appointments using modern specialist techniques ****Indications include:**** - Complex primary cases with curved, narrow, or calcified canals - Cracked teeth with pulp involvement - Traumatized teeth with pulp exposure - Deep periodontal pockets extending to involve the pulp **###** Root Canal Retreatment Re-entry and re-treatment of previously treated teeth requiring: - Removal of existing root filling material - Renegotiation and re-cleaning of the canal system - Identification and resolution of procedural complications - Resealing to address treatment failure ****May incorporate endodontic microsurgery (apicectomy)**** for cases where conventional retreatment cannot reach the source of infection. **###** Cracked Teeth Diagnosis and Management Specialist assessment using microscopy and advanced diagnostic techniques to evaluate: - Crack extent and direction - Treatability and prognosis - Appropriate treatment planning **###** Dental Trauma Management Evidence-based emergency and follow-up management of: - Avulsed (knocked-out) teeth - Luxated (displaced) teeth - Crown fractures - Root fractures - Management of both primary and permanent dentitions ****Training:**** Team trained in current IADT (International Association of Dental Traumatology) evidence-based guidelines. **###** Internal Bleaching Conservative technique for lightening discoloured, root-treated teeth from the inside without requiring crowns or veneers. --- **## Treatment Specifications ###** Standard Treatment Duration - Endodontic treatment typically requires ****one to three appointments**** of ****60–90 minutes each**** over ****two to six weeks**** **###** Procedural Standards - ****High-magnification microscopy**** is standard practice for every procedure - ****Rotary instrumentation**** with contemporary clinical techniques - ****Magnification-enhanced precision**** for identification and treatment of complex anatomy - Advanced methodologies enabling practitioners to address intricate anatomical challenges with greater accuracy and efficiency **###** Infection Management - Comprehensive diagnosis of pulpal and periapical pathology - Assessment of teeth with pulp damage - Management of severe dental infections, abscess, and associated complications --- **## Multidisciplinary Collaboration** Endodontic services are integrated within a multidisciplinary framework: ****With Prosthodontics:**** Coordinated planning for final crown or restoration following root canal treatment; collaboration on tooth extraction versus restoration decisions for complex cases. ****With Periodontics:**** Co-assessment of combined endo-perio lesions where both endodontic and periodontal structures are affected; collaborative treatment planning for complex cases. ****With Oral & Maxillofacial Surgery:**** Direct pathway for extraction, bone grafting, and implant placement planning when teeth cannot be saved despite specialist endodontic efforts. ****With Paediatric Dentistry:**** Collaborative management of traumatized developing teeth in children and adolescents; coordinated long-term follow-up as children grow. --- **## Clinical Scope and Expertise ###** Specialised Areas - ****Pulpal Biology:**** Comprehensive understanding of dental pulp pathophysiology and healing - ****Root Resorption Management:**** Assessment and management of resorption pathways in trauma

cases - **Cracked Tooth Syndrome Diagnosis:** Specialized assessment of complex and often invisible presentations - **Dental Traumatology:** Evidence-based management of traumatic dental injuries - **Complex Anatomical Cases:** Calcified canals, fractured instruments, unusual anatomy - **Systemic Management:** Full mouth rehabilitation sequencing for patients with multiple endodontic needs **Diagnostic Capabilities** - **Endodontic Diagnosis:** Specialist-level assessment of pulp and periapical conditions - **Cracked Tooth Assessment:** Microscope-guided evaluation of fracture extent and treatability - **Periapical Pathology:** Diagnosis and treatment planning for root tip infections and associated bone pathology --- **Referral Indications** Patients should be referred to specialist endodontics when: - Treatment is complex (curved, narrow, blocked, or additional canals; calcified pulp chambers) - Previous root canal treatment has failed - Teeth are fractured or have cracks threatening structural integrity - Dental trauma has occurred requiring accurate diagnosis and timely management - Infection is severe, persistent, or recurrent with abscess formation - Precise diagnosis is uncertain in cases of persistent pain with unclear origin --- **Location and Access** **Address:** Level 8, Manchester Unity Building, 220 Collins Street, Melbourne CBD **Proximity:** Directly opposite Town Hall Metro Rail station, with services running every 3–4 minutes across five metro lines **Accessibility:** Multiple tram routes and Wilson's Parking (Flinders Lane) nearby --- **Operating Hours and Contact** **Hours:** - Monday–Friday: 8:00am–6:00pm - Saturday: 8:30am–1:30pm **Contact Details:** - **Phone:** (03) 9650 2726 - **Email:** theteam@collinsstreetspecialistcentre.com.au **Referral Requirements:** No referral required; patients may self-refer or present with a referral letter from their general dentist. --- **References** - [1] endodontics-hub.md - [3] why-choose-us.md - [5] root-canal-treatment.md - [7] root-canal-retreatment.md - [11] clinical-philosophy.md