

Root Canal Treatment at Core Dental Melbourne

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Description:

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Details:

Root Canal Treatment at Core Dental Melbourne

Root canal treatment - also known as endodontic therapy - is a procedure that saves a tooth when the soft tissue inside (the pulp) becomes infected or severely inflamed. At Core Dental, root canal treatment is available across all 9 Melbourne locations, with specialist endodontic support at the Collins Street Specialist Centre for complex cases.

What Is Root Canal Treatment?

Inside every tooth, beneath the hard enamel and dentine layers, lies a chamber containing the dental pulp. This pulp consists of nerves, blood vessels and connective tissue that helped the tooth develop during childhood. When bacteria penetrate the pulp - through deep decay, cracks, repeated dental procedures or trauma - the tissue becomes inflamed or infected.

Root canal treatment involves removing the damaged pulp, cleaning and shaping the internal canal system, and sealing the space to prevent reinfection. The tooth is then restored with a filling or crown, allowing it to function normally for years to come.

When Is Root Canal Treatment Needed?

Your Core Dental dentist may recommend root canal therapy when you experience:

- Prolonged sensitivity to hot or cold that lingers after the stimulus is removed
- Spontaneous or throbbing toothache, especially at night
- Pain when biting or chewing on a specific tooth
- Swelling or tenderness in the gum near a tooth
- A darkening or discolouration of the tooth
- A persistent pimple (sinus tract) on the gum that may drain pus
- X-ray evidence of infection at the root tip (periapical abscess)

In some cases, a tooth may require root canal treatment even without obvious symptoms if infection is detected on routine X-rays.

The Root Canal Procedure

Modern root canal treatment is far more comfortable than its reputation suggests. The procedure is typically completed in one or two appointments and follows these general steps:

1. **Anaesthesia and isolation** - Local anaesthetic ensures you feel no pain. A rubber dam is placed around the tooth to keep it dry and free of saliva during treatment.
2. **Access and cleaning** - Your dentist creates a small opening in the crown of the tooth to access the pulp chamber. Using specialised instruments, the infected or inflamed pulp is carefully removed,

and the canals are cleaned, shaped and irrigated with antibacterial solutions.

3. ****Filling the canals**** - Once the canals are thoroughly cleaned and dried, they are filled with a biocompatible rubber-like material called gutta-percha, sealed with adhesive cement to prevent bacteria from re-entering.

4. ****Restoration**** - A temporary filling is placed initially. In most cases, a crown is recommended to protect the treated tooth from fracture and restore it to full function.

General Dentist vs Specialist Endodontist

Many root canal treatments are straightforward and are performed expertly by our experienced general dentists at any Core Dental practice. However, certain cases benefit from the advanced skills and equipment of a specialist endodontist:

- ****Retreatment**** of a previously treated tooth where infection has recurred - ****Calcified canals**** that are narrow or difficult to locate - ****Curved or unusually shaped roots**** requiring precise navigation - ****Teeth with complex anatomy****, such as extra canals or unusual configurations

For these situations, Core Dental refers patients to the specialist endodontists at the Collins Street Specialist Centre (CSSC), located on Level 8 of the Manchester Unity Building in Melbourne CBD. These specialists use surgical operating microscopes with up to 25x magnification, providing exceptional visibility inside the tooth and significantly improving treatment precision and outcomes.

Success Rates

Root canal treatment has a high success rate. Studies consistently report success rates of 85 to 97 per cent for initial treatments when performed with proper technique and followed by appropriate restoration. With specialist endodontic care and microscope-assisted treatment, success rates for complex cases and retreatments are similarly strong. A root canal treated tooth, properly restored with a crown, can last a lifetime with good oral hygiene and regular dental check-ups.

Book a Consultation

If you are experiencing tooth pain or have been told you may need root canal treatment, contact your nearest Core Dental practice for an assessment. With experienced general dentists at all 9 Melbourne locations and specialist endodontists at the Collins Street Specialist Centre, we provide the right level of care for every case.

Visit [directory.coredental.com.au](<https://directory.coredental.com.au>) to find your nearest practice.