

Postoperative Pain After Pulpotomy in Children Using Calcium Silicate Cements With and Without Laser Therapy

NCT07290049

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Fujairah
Enrollment	46 participants

Key Eligibility Criteria

Inclusion (3)

- Patients between 9 and 14 years of age. Must have a two-rooted mandibular molar tooth (lower back tooth). The tooth must be diagnosed with symptomatic irreversible pulpitis (a painful, inflamed nerve).
- The tooth must be considered restorable (can be fixed with a filling or crown). Patient and/or guardian must be able to understand and sign the informed consent form.
- The tooth must be periodontally healthy, with no mobility, and not painful to tapping or pressing.

Exclusion (3)

- Teeth with immature root tips. Teeth that are not restorable (severely damaged or decayed). Bleeding from the tooth's nerve that cannot be controlled within 10 minutes during the procedure.
- Patients with significant medical conditions that could complicate dental treatment.
- Teeth with a dead (necrotic) nerve. Inability or unwillingness to provide informed consent. Individuals from vulnerable groups (as defined by the ethics committee).

Locations (1 total)

Dental Clinic, College of Dentistry, Fujairah University, Fujairah, Emirate of Fujairah, United Arab Emirates