

Comparative Evaluation of Melatonin Versus MTA on Vital Pulp Therapy in Young Permanent First Molars: An in Vivo Study

NCT06372561

Status	RECRUITING
Phase	Not Applicable
Sponsor	Suez Canal University
Enrollment	45 participants

Key Eligibility Criteria

Inclusion (6)

- Apparently healthy and medically free children. 2- Their age ranges from 6-8 years. 3- Both boys and girls will be included. 4- Children should have mandibular permanent first molars with the following clinical and radiographic criteria. 4.1 Restorable young permanent first molars. 4.2 Absence of clinical evidence of pulp degeneration:
 - No history of spontaneous pain, history of night pain or pain that not relieved by analgesics.
 - No pain on percussion.
 - No mobility.
 - Absence of abscess, purulent sinus or soft tissue edema.
- ... and 1 more (see full listing online)

Exclusion (4)

- Internal root resorption.
- External root resorption.
- Inter radicular or periapical bone destruction (radiolucency)
- A deep carious lesion radiologically that approaches the pulp

Locations (1 total)

Faculty of Medicine, Suez canal university, Ismailia, Egypt