

Colour Match, Stability, and Patient's Satisfaction of Single-Shade Composites in Anterior Teeth

NCT07309653

Status	RECRUITING
Sponsor	Mahidol University
Enrollment	23 participants

Key Eligibility Criteria

Inclusion (3)

- Children who exhibit cooperative dental behaviours (rating 3 and 4) according to Frankl's behaviour rating scale (Frankl et al. 1962)
- Presence of at least one maxillary anterior permanent tooth with one-third of crown structure loss from dental trauma
- The affected tooth must be vital or have undergone vital pulp therapy (e.g., pulpotomy with Calcium hydroxide, white-MTA, or Biodentine)

Exclusion (9)

- Known allergy to methacrylate-based materials
- Presence of parafunctional habits, such as bruxism
- Presence of rampant caries
- Presence of signs of hypomineralisation, such as post-eruptive breakdown, hypersensitivity, changes in enamel texture and hardness, and abnormal translucency on radiographs.
- The affected tooth is classified as having moderate or severe discolouration according to Dean's fluorosis index (Dean, 1942)
- ... and 4 more (see full listing online)

Locations (1 total)

Pediatric Dental Clinic, Faculty of Dentistry, Mahidol University, Bangkok, Thailand