

Faculty of Dentistry
University of Hama
Department of Endodontics

How Dental Pulp Reacts After Treatment: A Tissue-Level Study Comparing Reversible and Irreversible Pulpitis in Adult Teeth

Invitation to Participate in a Research Study

You are invited to participate in a research study conducted at the Department of Endodontics, Faculty of Dentistry, University of Hama. Before you decide to take part in this study, it is important that you fully understand the purpose of the research and what it will involve. Please take the time to carefully read the following information.

Study Purpose:

The goal of this study is to evaluate the effectiveness of a new material in performing pulpotomy on permanent teeth with symptoms of either reversible or irreversible pulpitis. Pulpotomy is a dental procedure in which the infected pulp tissue is removed from the tooth. This study aims to assess the outcomes of using new materials (MTA, Bioceramic, and Biodentine) for pulpotomy. All the treated teeth are scheduled for extraction due to orthodontic or other clinical reasons.

What the Study Involves:

- Local Anesthesia: To ensure the procedure is pain-free.
- Pulpotomy Procedure: Removal of infected pulp followed by treatment with one of the study materials (MTA, Bioceramic, or Biodentine).
- Follow-Up Appointments: You will attend follow-up visits at 1 week and 3 months after the procedure to monitor healing.
- Tooth Extraction: Scheduled extraction of the treated tooth will occur at the clinically appropriate time.

Voluntary Participation:

Participation in this study is entirely voluntary. You may withdraw from the study at any time without affecting your current or future dental care. You will have the opportunity to ask questions and receive detailed explanations before signing this form.

Participant Consent

I have read and understood the information provided above. I voluntarily agree to participate in this research study.

Name: _____

Date: _____

Signature: _____