

# Comparison between two methods of working length determination and its effect on radiographic extent of root canal filling: a clinical study

<b>Submission date</b> 24/01/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 27/01/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 13/10/2009	<b>Condition category</b> Oral Health	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

## Study information

Scientific Title

**Study objectives**

Can apex locator replace the working length radiograph

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Research was approved by the academic research deanship of Jordan University

**Study design**

Observational

**Primary study design**

Interventional

**Study type(s)**

Treatment

**Health condition(s) or problem(s) studied**

Pulp and periapical disease

**Interventions**

Root canal treatment using apex locator with versus without radiograph to determine working length

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

Radiographic extent of root canal filling

**Key secondary outcome(s)**

Number of radiographs /patient/ treatment

**Completion date**

30/07/2004

**Eligibility****Key inclusion criteria**

Patients referred for endodontic treatment at University hospital of Jordan

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**Key exclusion criteria**

Patients with cardiac pacemaker

**Date of first enrolment**

01/01/2004

**Date of final enrolment**

30/07/2004

**Locations****Countries of recruitment**

Jordan

**Study participating centre**

P.O Box 2708

Amman

Jordan

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**Sponsor information****Organisation**

University of Jordan (Jordan)

**ROR**

<https://ror.org/05k89ew48>

**Funder(s)****Funder type**

University/education

**Funder Name**

Jordan University (Jordan)

# Results and Publications

## Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	11/02/2006		Yes	No