

# Clinical and molecular mechanisms of periodontal wound healing following surgical treatment of localised aggressive periodontitis

<b>Submission date</b> 30/09/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 30/09/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 13/03/2014	<b>Condition category</b> Oral Health	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

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

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**

N0263156056

# Study information

## Scientific Title

### Study objectives

To explore the clinical and molecular outcome of two surgical treatments (regeneration and repair) for the management of intrabony defects will be compared in patients with aggressive periodontitis.

### Ethics approval required

Old ethics approval format

### Ethics approval(s)

Not provided at time of registration

### Study design

Randomised controlled trial

### Primary study design

Interventional

### Secondary study design

Randomised controlled trial

### Study setting(s)

Hospital

### Study type(s)

Treatment

## Participant information sheet

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

Periodontitis

### Interventions

1. Group A: regeneration treatment
2. Group B: repair treatment

### Intervention Type

Other

### Phase

Not Specified

### Primary outcome measure

The main clinical outcome variables will be Lifetime Cumulative Attachment Loss (LCAL) and level of bone loss. The main laboratory outcome variables will be change in level of specific growth factors (Platelet-Derived Growth Factor [PDGF], Vascular Endothelial Growth Factor [VEGF], Transforming Growth Factor beta [TGFB]), Bone Morphogenetic Protein [BMP] and osteoprotegerin.

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

12/01/2005

**Completion date**

01/07/2007

## Eligibility

**Key inclusion criteria**

Not provided at time of registration

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Both

**Target number of participants**

30 patients from Periodontology

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

12/01/2005

**Date of final enrolment**

01/07/2007

## Locations

**Countries of recruitment**

England

United Kingdom

**Study participating centre**  
**Periodontology**  
London  
United Kingdom  
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## **Sponsor information**

**Organisation**  
Department of Health

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Richmond House  
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**Sponsor type**  
Government

**Website**  
<http://www.dh.gov.uk/Home/fs/en>

## **Funder(s)**

**Funder type**  
Government

**Funder Name**  
UCL Hospitals NHS Foundation Trust (UK)

**Funder Name**  
NHS R&D Support Funding

## **Results and Publications**

**Publication and dissemination plan**

Not provided at time of registration

**Intention to publish date**

**Individual participant data (IPD) sharing plan**

**IPD sharing plan summary**

Not provided at time of registration