

# 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

**Protocol serial number**  
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

**Study type(s)**

Treatment

**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(s)**

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.

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

01/07/2007

**Eligibility**

**Key inclusion criteria**

Not provided at time of registration

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Not Specified

**Sex**

All

**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**

United Kingdom

England

**Study participating centre****Periodontology**

London

United Kingdom

WC1X 8LD

**Sponsor information****Organisation**

Department of Health

**Funder(s)**

**Funder type**

Government

**Funder Name**

UCL Hospitals NHS Foundation Trust (UK)

**Funder Name**

NHS R&D Support Funding

## **Results and Publications**

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

**IPD sharing plan summary**

Not provided at time of registration