

# A comparison of patient satisfaction and complications following keyhole surgery wounds closed with tissue glue or stitches

<b>Submission date</b> 27/11/2009	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 15/12/2009	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 20/05/2016	<b>Condition category</b> Surgery	<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**  
06/wmw01/55

# Study information

## Scientific Title

Patient satisfaction and complications following laparoscopic wound closure with 2-octylcyanoacrylate or vicryl: a single blind randomised controlled trial

## Study objectives

Closure of laparoscopic wounds with tissue adhesives is associated with higher patient satisfaction and lower complication rates than with conventional suturing.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Dyfed Powys Research Ethics Committee approved on the 3rd January 2007 (ref: 06/wmw01/55)

## Study design

Single blind randomised controlled trial

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Hospital

## Study type(s)

Treatment

## Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

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

Laparoscopic general surgery

## Interventions

Intervention: Laparoscopic wound closure with 2-cyanoacrylate tissue adhesive  
Control: Laparoscopic wound closure with subcuticular stitches

Total follow up was six weeks.

## Intervention Type

Procedure/Surgery

## Phase

Not Applicable

**Primary outcome measure**

Patient satisfaction in terms of wound appearance and wound closure technique. Measured at six weeks post-operatively.

**Secondary outcome measures**

1. Wound closure time, measured at the time of operation
2. Wound complications (dehiscence, infection, resuturing), measured at six weeks post-operatively
3. Wound pain, measured at six weeks post-operatively
4. Antibiotic usage, measured at the time of operation
5. Unscheduled medical review, measured at six weeks post-operatively

**Overall study start date**

01/02/2007

**Completion date**

01/02/2009

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

1. All adults (aged 18 years and over), both males and females
2. Elective, general surgical, laparoscopic patients

**Participant type(s)**

Patient

**Age group**

Adult

**Lower age limit**

18 Years

**Sex**

Both

**Target number of participants**

300

**Key exclusion criteria**

1. Known 2-octylcyanoacrylate hypersensitivity
2. Conversion to open procedure

**Date of first enrolment**

01/02/2007

**Date of final enrolment**

01/02/2009

# Locations

## Countries of recruitment

United Kingdom

Wales

## Study participating centre

Department of Gastrointestinal Surgery

Swansea

United Kingdom

SA2 8QA

# Sponsor information

## Organisation

Carmarthenshire NHS Trust (UK)

## Sponsor details

Research and Development Office

Room 8, Mynydd Mawr Hospital

Upper Tumble

Llanelli

Wales

United Kingdom

SA14 6BU

+44 (0)1269 833397

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## Sponsor type

Hospital/treatment centre

## Website

<http://www.wales.nhs.uk/sites3/home.cfm?orgid=45>

# Funder(s)

## Funder type

Government

## Funder Name

## **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