

Using Dermabond skin glue (DSG) on bridging leg incision instead of skin suture on the coronary artery bypass graft (CABG) leg donor site

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| Submission date 28/09/2007 | Recruitment status No longer recruiting | <input type="checkbox"/> Prospectively registered |
| Registration date 28/09/2007 | Overall study status Completed | <input type="checkbox"/> Protocol |
| Last Edited 12/04/2021 | Condition category Surgery | <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

Protocol serial number
N0226180190

Study information

Scientific Title

Using Dermabond skin glue (DSG) on bridging leg incision instead of skin suture on the coronary artery bypass graft (CABG) leg donor site

Study objectives

To compare the use of Dermabond skin glue and skin suture on the CABG leg donor site.

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

Surgery: Coronary artery bypass grafting (CABG)

Interventions

1. Normal practice: usual bridging technique of harvesting long saphenous vein from the leg, and skin closure with 3/0 undyed stitch after subcutaneous layer
2. After normal subcutaneous layer closure, wound cleaned with dry swab and dermabond applied. Pressure bandage then applied.

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

Healing of the leg wound, less infection rate, early rehabilitation, cosmetic effect of the scar, early discharge

Key secondary outcome(s)

No secondary outcome measures

Completion date

03/11/2006

Eligibility**Key inclusion criteria**

All elective patients undergoing coronary artery bypass grafting with all Consultants in Wythenshawe Hospital after patient permission.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Total final enrolment

106

Key exclusion criteria

1. Emergency coronary artery bypass grafting patients
2. Not currently taking part in another research project
3. Patients who do not want to participate in the study

Date of first enrolment

11/05/2006

Date of final enrolment

03/11/2006

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

University Hospital of South Manchester NHS Foundation Trust

Manchester

United Kingdom

M23 9LT

Sponsor information

Organisation

Funder(s)

Funder type

Government

Funder Name

University Hospital of South Manchester NHS Foundation Trust (UK), NHS R&D Support Funding

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? |
|---------------------------------|---------|--------------|------------|----------------|-----------------|
| Results article | | 01/11/2009 | 12/04/2021 | Yes | No |