

Women's recovery from sternotomy (WREST) study

Submission date 05/09/2005	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 05/09/2005	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 26/02/2009	Condition category Surgery	☐ 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
MCT-59756

Study information

Scientific Title
Early clinical use of an undergarment (brassiere) in women over a 12 week post-sternotomy recovery period: a randomised controlled trial

Acronym

WREST

Study objectives

To test the efficacy of early clinical use of an undergarment (brassiere) in women over a 12 week post-sternotomy recovery period.

Ethics approval required

Old ethics approval format

Ethics approval(s)

University of Calgary Health Research Ethics Board gave approval on the 20th February 2003.

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

First time sternotomy

Interventions

Supplied brassiere (intervention) versus participants' own undergarments (control).

Intervention Type

Procedure/Surgery

Phase

Not Applicable

Primary outcome(s)

Pain, discomfort and functional status from post-operative period through 12 weeks of follow-up.

Key secondary outcome(s)

1. Wound healing and antibiotic use
2. Analgesic and antibiotic use

Completion date

31/03/2005

Eligibility**Key inclusion criteria**

1. Women, aged 18 years and older
2. Having cardiac surgery through first-time median sternotomy
3. Informed consent to participate

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

Female

Key exclusion criteria

1. Who do not speak and read the English language
2. Present in a clinical preoperative state that suggested a prolonged recovery
3. Do not have telephone access
4. Appear unlikely to complete data collection procedures

Date of first enrolment

01/05/2003

Date of final enrolment

31/03/2005

Locations**Countries of recruitment**

Canada

Study participating centre

University of Calgary

Calgary

Canada

T2N 1N4

Sponsor information

Organisation

University of Calgary (Canada)

ROR

<https://ror.org/03yjb2x39>

Funder(s)

Funder type

Research organisation

Funder Name

Canadian Institutes of Health Research (CIHR) (Canada) - <http://www.cihr-irsc.gc.ca> (ref: MCT-59756)

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	results	01/12/2006		Yes	No
Other publications	study design	01/05/2005		Yes	No