

# Investigation of the cosmetic result of caesarean section scars

<b>Submission date</b> 30/11/2007	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 30/05/2008	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 08/05/2013	<b>Condition category</b> Pregnancy and Childbirth	<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

**Contact name**  
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**Contact details**  
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## Additional identifiers

**Protocol serial number**  
N/A

## Study information

**Scientific Title**  
Techniques for skin closure after a caesarean: the cosmetic result

**Acronym**  
SCACS-trial (Skin Closure After Caesarean Section)

**Study objectives**

We hypothesise that closure of the fat layer and closure of the skin with a suture will yield a better cosmetic result.

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

Ethics approval received from the Medical Ethical Commission of the VU Medical Centre on the 23rd November 2006 (ref: 2005/205).

### **Study design**

Multicentre prospective randomised controlled trial

### **Primary study design**

Interventional

### **Study type(s)**

Treatment

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

Caesarean section

### **Interventions**

Pre-operative the patient will be randomly assigned to four categories:

1. No closure of the fat layer and skin closure with staples
2. No closure of the fat layer and skin closure with stitches
3. Closure of the fat layer and skin closure with staples
4. Closure of the fat layer and skin closure with stitches

The primary outcome is the cosmetic result measured with the Patient and Observer Scar Assessment Scale, in which the patient and the investigator complete a questionnaire. The wound assessment will be performed six months after the caesarean. Secondary outcomes include post-operative pain, wound complications, such as dehiscence, infection, seroma or haematoma, material reaction, operating time for the skin closure and costs.

### **Intervention Type**

Other

### **Phase**

Not Specified

### **Primary outcome(s)**

Cosmetic outcome, measured with the Patient and Observer Scar Assessment Scale six months after caesarean.

### **Key secondary outcome(s)**

1. Post-operative pain
2. Operating time
3. Costs
4. Wound complications, such as infection, dehiscence, haematoma and seroma

**Completion date**

02/09/2008

## Eligibility

**Key inclusion criteria**

1. Pregnant women
2. Older than eighteen years
3. Planned for having a caesarean section
4. Give informed consent

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

Female

**Key exclusion criteria**

Women with a previous abdominal operation, including caesarean section.

**Date of first enrolment**

02/02/2007

**Date of final enrolment**

02/09/2008

## Locations

**Countries of recruitment**

Netherlands

**Study participating centre**

Spaarnepoort 1

Hoofddorp

Netherlands

2134 TM

## Sponsor information

## Organisation

Academic Medical Centre (AMC) (The Netherlands)

## ROR

<https://ror.org/03t4gr691>

## Funder(s)

### Funder type

Hospital/treatment centre

### Funder Name

Departments of Obstetrics and Gynaecology at:

### Funder Name

The Spaarne Hospital (The Netherlands)

### Funder Name

Academic Medical Centre (AMC) (The Netherlands)

## 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?
<a href="#">Results article</a>	results	01/11/2012		Yes	No
<a href="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes
<a href="#">Study website</a>	Study website	11/11/2025	11/11/2025	No	Yes