# Additional pain control using Surgically Placed Wound Catheters (SPWC) and local anaesthetic infusion after mastectomy and breast reconstruction

Submission date	Recruitment status	[X] Prospectively registered
06/07/2011	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
25/08/2011	Completed  Condition category	☐ Results
Last Edited		Individual participant data
11/05/2018	Cancer	Record updated in last year

#### Plain English summary of protocol

http://cancerhelp.cancerresearchuk.org/trials/a-trial-looking-pain-control-after-breast-cancersurgery

## Contact information

## Type(s)

Scientific

#### Contact name

Dr Mark Piper

#### Contact details

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## Additional identifiers

#### Protocol serial number

N/A

## Study information

#### Scientific Title

Additional pain control using Surgically Placed Wound Catheters (SPWC) and local anaesthetic infusion after mastectomy and breast reconstruction a randomized controlled trial

#### Acronym

**SPWC** 

#### **Study objectives**

Usage of surgically placed wound catheter and local anaesthetic infusion will improve pain relief and comfort after breast surgery

#### Ethics approval required

Old ethics approval format

### Ethics approval(s)

Newcastle 2 Ethics committee ref: 11/NE/0131

#### Study design

Type A: Oral and parenteral opioid based analgesia for breakthrough pain

Type B: Oral and parenteral opioid based analgesia for breakthrough pain and in addtion wound catheter placement

#### Primary study design

Interventional

## Study type(s)

Quality of life

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

Breast cancer, pain relief, wound catheter, local anaesthetic infusion

#### **Interventions**

Surgically placed wound catheter for group B PAJUNK; infiltralong; and local anaesthetic infusion using Ambit; infusion pump and required

## Intervention Type

Drug

#### Phase

Not Applicable

## Drug/device/biological/vaccine name(s)

Opioids

### Primary outcome(s)

- 1. Pain scores (daily and average) following the procedure
- 2. Total opioid requirements
- 3. Days opioid free

#### Key secondary outcome(s))

Side effects of opioid based analgesics such as nausea, drowsiness and constipation

#### Completion date

31/08/2012

## **Eligibility**

#### Key inclusion criteria

- 1. Mastectomy alone
- 2. Mastectomy + sentinel lymph node biopsy (SLNB)
- 3. Mastectomy + axillary nodes dissection (AND)
- 4. Mastectomy + reconstruction
- 5. Reconstruction alone using implant
- 6. Reconstruction using Latissmus dorsi (LD) flap

#### Participant type(s)

**Patient** 

#### Healthy volunteers allowed

No

#### Age group

Adult

#### Sex

Female

#### Key exclusion criteria

- 1. Allergy to local anaesthetic
- 2. Inability/refusal to perform self assessment
- 3. Inability to consent due to any reason
- 4. Has had one of the following procedures:
- 4.1. All wide local excisions (WLE) and Further WLE
- 4.2. Only axillary procedure
- 4.3. Mastopexy as additional procedure
- 4.4. Readjusting the implants only

#### Date of first enrolment

01/09/2011

#### Date of final enrolment

31/08/2012

## Locations

#### Countries of recruitment

United Kingdom

Study participating centre Wansbeck General Hospital Ashington United Kingdom NE63 9JJ

## Sponsor information

#### Organisation

Northumbria Healthcare NHS Foundation Trust (UK)

#### **ROR**

https://ror.org/01gfeyd95

## Funder(s)

### Funder type

Hospital/treatment centre

#### **Funder Name**

Northumbria Healthcare NHS Foundation Trust - Breast Cancer Care Fund (UK)

## **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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes
Study website	Study website	11/11/2025	11/11/2025	No	Yes