

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

<b>Submission date</b> 06/07/2011	<b>Recruitment status</b> No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 25/08/2011	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 11/05/2018	<b>Condition category</b> Cancer	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

<http://cancerhelp.cancerresearchuk.org/trials/a-trial-looking-pain-control-after-breast-cancer-surgery>

## Contact information

### Type(s)

Scientific

### Contact name

Dr Mark Piper

### Contact details

Department of Anaesthesia  
Wansbeck General Hospital  
Woodhorne Lane  
Ashington  
United Kingdom  
NE63 9JJ

-  
mark.piper@nhct.nhs.uk

## Additional identifiers

## 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 addition 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 Latissimus 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

England

**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?
<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