# Cattell-Warren versus Blumgart techniques of pancreatic

Submission date Recruitment status [X] Prospectively registered 14/01/2015 No longer recruiting [X] Protocol [ ] Statistical analysis plan Registration date Overall study status 15/01/2015 Completed [X] Results [ ] Individual participant data **Last Edited** Condition category 17/02/2023 Digestive System

#### Plain English summary of protocol

http://www.cancerresearchuk.org/about-cancer/find-a-clinical-trial/a-trial-looking-at-two-different-ways-of-joining-the-pancreas-to-the-bowel-during-surgery-for-pancreatic-cancer-panasta

# Contact information

# Type(s)

Scientific

#### Contact name

Dr Kellie Platt

#### Contact details

Cancer Research UK Liverpool Cancer Trials Unit University of Liverpool 1st floor Block C Waterhouse Building 3 Brownlow Street Liverpool United Kingdom L69 3GL

# Additional identifiers

Protocol serial number

17639

# Study information

Scientific Title

Cattell-Warren versus Blumgart techniques of pancreatico-jejunostomy following pancreato-duodenectomy: -a double blinded multicentred trial

#### Acronym

**PANasta** 

#### **Study objectives**

This study will aim to compare the effectiveness of two techniques of pancreaticojejunostomy; Cattell-Warren versus Blumgart follwing pancreatoduodenectomy.

#### Ethics approval required

Old ethics approval format

#### Ethics approval(s)

NRES Committee North West - Greater Manchester South, 22/12/2014, ref: 14/NW/1393

#### Study design

Randomised; Interventional

#### Primary study design

Interventional

#### Study type(s)

Treatment

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

Topic: Cancer, Surgery, Gastroenterology; Subtopic: Upper Gastro-Intestinal Cancer, Surgery, Gastroenterology; Disease: Pancreas

#### **Interventions**

- 1. Blumgart anastomosis, Re-construction of the pancreatic remnant following pancreatoduodenectomy using a Blumgart method
- 2. Cattell-Warren anastomosis, Re-construction of the pancreatic remnant following pancreato-duodenectomy using a Cattell-Warren method of pancreatico-jejunostomy

#### Intervention Type

Procedure/Surgery

# Primary outcome(s)

Post-operative pancreatic fistula (POPF); Timepoint(s): Post-operative day 3, 5, 7, discharge and 3 month follow up

# Key secondary outcome(s))

- 1. Entry into programs of adjuvant therapy / clinical trials of adjuvant therapy; Timepoint(s): 3, 6 and 12 month follow up;
- 2. Health economic evaluation; Timepoint(s): Enrolment, discharge ad 3, 6 and 12 month follow up
- 3. Length of hospital stay; Timepoint(s): Discharge, 3, 6 and 12 month follow up
- 4. Mortality Rate; Timepoint(s): Death due to any cause during the study period will be recorded
- 5. Operation time; Timepoint(s): Day of surgery
- 6. Quality of Life; Timepoint(s): Enrolment, discharge and 3, 6 and 12 month follow up

- 7. Rate of delayed gastric emptying; Timepoint(s): Post-operative day 3, 5, 7 and discharge
- 8. Rate of intra and post-operative bleeding; Timepoint(s): day of surgery, post-operative day 3,
- 5, 7 and discharge
- 9. Rate of post-operative fluid collections; Timepoint(s): Post-operative day 3, 5, 7, discharge and 3 month follow up
- 10. Rate of pulmonary infection; Timepoint(s): Discharge and 3 month follow up
- 11. Rate of re-operation; Timepoint(s): Post-operative day 3, 5, 7, discharge and 3, 6 and 12 month follow up
- 12. Rate of venous thrombo-embolism; Timepoint(s): Post-operative day 3, 5, 7 and discharge and 3, 6 and 12 month follow up
- 13. Rate of wound infections; Timepoint(s): Post-operative days 3, 5, 7, discharge and 3, 6 and 12 month follow up

#### Completion date

01/02/2019

# **Eligibility**

#### Key inclusion criteria

Subjects meeting all of the following criteria will be considered for this trial:

- 1. Patients undergoing an elective pancreato
- duodenectomy for presumed malignancy of the head of the pancreas
- 2. Ability of the subject to understand the nature and consequences of the trial
- 3. Ability to provide written informed consent.; Target Gender: Male & Female ; Lower Age Limit 18 years

#### Participant type(s)

**Patient** 

## Healthy volunteers allowed

No

## Age group

Adult

# Lower age limit

18 years

#### Sex

All

#### Key exclusion criteria

Subjects with the following criteria will not be entered into this trial:

- 1. Patients undergoing extended pancreato-duodenectomy
- 2. Left, central or total pancreatectomy
- 3. Arterial resection or multi-visceral resection
- 4. Previous pancreatic resection
- 5. Surgery for known chronic pancreatitis
- 6. Recruited to any other pancreatic resection trial.
- 7. Pregnant women

#### Date of first enrolment

24/04/2015

#### Date of final enrolment

02/08/2017

# Locations

#### Countries of recruitment

United Kingdom

England

# Study participating centre University of Liverpool

Cancer Research UK Liverpool Cancer Trials Unit 1st floor Block C Waterhouse Building 3 Brownlow Street Liverpool United Kingdom L69 3GL

# Sponsor information

## Organisation

University of Liverpool

#### **ROR**

https://ror.org/04xs57h96

# Funder(s)

# Funder type

Government

#### **Funder Name**

Cancer Research UK

## Alternative Name(s)

CR\_UK, Cancer Research UK - London, Cancer Research UK (CRUK), CRUK

# **Funding Body Type**

Private sector organisation

# Funding Body Subtype

Other non-profit organizations

#### Location

**United Kingdom** 

# **Results and Publications**

# Individual participant data (IPD) sharing plan

Not provided at time of registration

# IPD sharing plan summary

Not expected to be made available

# **Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Protocol article	protocol	15/01/2016		Yes	No
Basic results		14/01/2021	15/01/2021	No	No
HRA research summary	Participant information sheet		28/06/2023		No
Participant information sheet		11/11/2025	11/11/2025	No	Yes
Plain English results			17/02/2023	No	Yes