

Central line insertion project (CLIP)

Submission date 25/04/2003	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 25/04/2003	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 08/11/2022	Condition category Other	☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Ms Angela Boland

Contact details
University of Liverpool
Ashton Street Medical School
Ashton Street
Liverpool
United Kingdom
L69 3GE
+44 (0)151 794 5541
a.boland@liv.ac.uk

Additional identifiers

Protocol serial number
HTA 95/16/06

Study information

Scientific Title
Central line insertion project (CLIP)

Acronym
CLIP

Study objectives

A single centre randomised trial of central venous catheter insertion by a clinical nurse specialist, under image guidance or on the ward without routine access to image guidance. Approximately 400 patients will be randomised to compare safety, adverse events, efficacy, quality of life and cost. The study will identify the incremental cost effectiveness ratio for nurse insertion and develop and evaluate a training programme to generalise these benefits throughout the NHS. A model will be developed to analyse the long term benefits for patients and the NHS from generalised adoption of the optimal methods of insertion throughout the NHS.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration.

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Not applicable

Interventions

1. Central venous catheter insertion by a clinical nurse specialist under image guidance
2. Central venous catheter insertion on the ward without routine access to image guidance

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Catheter-tip misplacement and this was expected to be higher in the blind arm. When comparing the skill level of the trainer and the trainees, pneumothorax was the primary clinical outcome measure.

Key secondary outcome(s)

Other outcomes measures included arterial puncture, haematoma, infection, failed insertion and assistance from other healthcare professionals.

Completion date

31/12/2000

Eligibility

Key inclusion criteria

Not provided at time of registration.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

Not provided at time of registration.

Date of first enrolment

01/01/1999

Date of final enrolment

31/12/2000

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

University of Liverpool

Liverpool

United Kingdom

L69 3GE

Sponsor information**Organisation**

Department of Health (UK)

ROR

<https://ror.org/03sbpja79>

Funder(s)

Funder type

Government

Funder Name

NIHR Health Technology Assessment Programme - HTA (UK)

Results and Publications

Individual participant data (IPD) sharing plan

Not provided at time of registration

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	HTA monograph	01/04/2003		Yes	No