

CATHETERIZATION OF THE RADIAL ARTERY WITH FIXATED ULTRASOUND TRANSDUCER

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON28378

Source

NTR

Brief title

CRAFT

Health condition

vascular access, ultrasound, radial artery cannulation

Sponsors and support

Primary sponsor: Catharina Hospital Eindhoven

Source(s) of monetary or material Support: Catharina Hospital Eindhoven

Intervention

Outcome measures

Primary outcome

rate of succesfull cannulations

Secondary outcome

total time for completion of the procedure, for the digital palpation group this is the time from first palpation of the artery till placement of the catheter. In the US groups, this is the time from first contact of the US transducer with the subject's skin until placement of the catheter. Other recorded parameters will be total attempts needed to complete the procedure, total attempts per group, skin punctures, failures

Study description

Study design

direct post procedure

Intervention

3 different ways for radial artery catheterization : by digital palpation, using ultrasound and using ultrasound with a fixated transducer

Contacts

Public

department of anesthesiology, Catharina Hospital

Harm Scholten
Michelangelolaan 2

Eindhoven 5623 EJ
The Netherlands

Scientific

department of anesthesiology, Catharina Hospital

Harm Scholten
Michelangelolaan 2

Eindhoven 5623 EJ
The Netherlands

Eligibility criteria

Inclusion criteria

- Adult age (>18 years)
- Written informed consent
- Scheduled for elective cardiothoracic or major abdominal surgery

Exclusion criteria

- No informed consent
- Emergency procedures
- Pre-existing injury at the radial artery cannulation site (e.g. hematoma, infection, previous surgery as radial artery harvesting)

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Single blinded (masking used)
Control:	Active

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-11-2016
Enrollment:	200
Type:	Anticipated

Ethics review

Positive opinion

Date: 10-10-2016

Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL5927
NTR-old	NTR6107
Other	NL56971.100.16 : M16-1622

Study results