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A randomized trial comparing standard hemodialysis needling to buttonhole needling: STAN-B study

Submission date
17/05/2006

Recruitment status
No longer recruiting

Registration date
03/07/2006

Overall study status
Completed

Last Edited
03/04/2013

Condition category
Nutritional, Metabolic, Endocrine

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Study information

Scientific Title

Acronym
STAN-B Study

Study objectives
Buttonhole needling of patients with an arteriovenous fistula (AVF) will be associated with a decrease in patient-perceived pain compared to standard needling.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Approved by the Conjoint Health Research Ethics Board on 20/04/2006, reference number: E-20037

Primary study design
Interventional

Study design
Randomized controlled trial

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Arteriovenous fistula during hemodialysis

Interventions
Buttonhole needling versus standard needling

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Patient-perceived pain

Key secondary outcome(s)
1. AVF trauma
2. Time to hemostasis
3. Ease of needling from nursing perspective
4. AVF infection

Completion date
01/07/2007

Eligibility

Key inclusion criteria

1. Chronic hemodialysis patients being treated with dialysis with an AVF
2. An AVF that has been needled consistently for at least four weeks
3. Expected to remain on dialysis for at least two months
4. Aged 18 years or older
5. Able to give informed consent

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 Years

Sex
All

Key exclusion criteria
An active AVF infection

Date of first enrolment
01/07/2006

Date of final enrolment
01/07/2007

Locations

Countries of recruitment
Canada

Study participating centre
Foothills Hospital
Calgary
Canada
T2N 2T9

Sponsor information

Organisation
University of Calgary (Canada)

ROR
https://ror.org/03yjb2x39

Funder(s)

Funder type
University/education

Funder Name
University of Calgary

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?
Results article	results	01/10/2012		Yes	No