

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

Submission date 17/05/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 03/07/2006	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 03/04/2013	Condition category Nutritional, Metabolic, Endocrine	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> 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

Study design

Randomized controlled trial

Primary study design

Interventional

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 needed 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