ISRCTN33234525 https://doi.org/10.1186/ISRCTN33234525

Treatment of greenstick forearm fractures in children using bandages or cast therapy

Submission date 19/12/2005	**Recruitment status** No longer recruiting
Registration date 19/12/2005	**Overall study status** Completed
Last Edited 17/08/2009	**Condition category** Injury, Occupational Diseases, Poisoning

- [ ] Prospectively registered
- [ ] Protocol
- [ ] Statistical analysis plan
- [ ] Results
- [ ] Individual participant data
- [ ] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
NTR393; 05.454

Study information

Scientific Title

Acronym
Greenstick

Study objectives
Treatment of greenstick forearm fractures with bandages, as compared to cast therapy, will lead to a decrease of discomfort and no increase of pain complaints.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Received from local medical ethics committee

Study design
Randomised open label active controlled parallel group trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Treatment

Participant information sheet

Health condition(s) or problem(s) studied
Greenstick forearm fractures

Interventions
Patients are randomly assigned to be treated using either bandages or cast therapy.

Intervention Type
Other

Phase
Not Specified

Primary outcome measure
Secondary dislocation of the fracture

Secondary outcome measures

1. Comfort
2. Pain
3. Function of the arm
4. Complications

Overall study start date
26/09/2005

Completion date
01/04/2006

Eligibility

Key inclusion criteria
1. Patients with a greenstick forearm fracture which comprises 1/3 of the distal forearm
2. Patients with an age between 4 years old and 13 years old
3. Signed informed consent

Participant type(s)
Patient

Age group
Child

Lower age limit
4 Years

Upper age limit
13 Years

Sex
Both

Target number of participants
90

Key exclusion criteria
1. Complicated fractures
2. The necessity to reposition the fracture

Date of first enrolment
26/09/2005

Date of final enrolment
01/04/2006

Locations

Countries of recruitment

Netherlands

Study participating centre
Koekoekslaan 1
Nieuwegein
Netherlands
3430 EM

Sponsor information

Organisation
St Antonius Hospital (Netherlands)

Sponsor details
P.O. Box 2500
Nieuwegein
Netherlands
3430 EM

Sponsor type
Hospital/treatment centre

ROR
https://ror.org/01jvpb595

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
St Antonius Hospital (Netherlands)

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration