Quality assessment of ultrasound guided Fasci Iliaca Compartment-block, executed by nurse practitioners in prehospital ambulance care in region Brabant Midden-West-Noord, The Netherlands

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To gain understanding in the characteristics of patients with a suspicion of a collumn fracture that have been treated with an ultrasound guided FIC-block

Ethische beoordeling	Positief advies
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON24696

Bron
NTR

Verkorte titel
EFICAMBU

Aandoening

Suspicion of a collumn fractue

Ondersteuning

Primaire sponsor: x
Overige ondersteuning: x

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Effectivity measured as a reduction of the painscore before and after the ultrasound guided FIC-block

Toelichting onderzoek

Achtergrond van het onderzoek

In the working area of ambulance-care region Brabant Midden-West-Noord is the ultrasound guided Fasci Iliaca Compartment Block (FIC) one of the standard procedures in the regular analgesia options for patients with a suspicion of a collumn fracture. The ultrasound guided FIC-Block is performed by Nurse Practitioners. The Nurse Practitioner is a medical supplement on the regular ambulancecare. The main goal of the Nurse Practitioner is to improve the quality of the patientcare and to provide optimal medical care at the location. All consultations are registrated in a database. Analysis of these data gives insight in the prehospital healthcare, with the possibility to optimize the quality of the healthcare.

Doel van het onderzoek

To gain understanding in the characteristics of patients with a suspicion of a collumn fracture that have been treated with an ultrasound guided FIC-block

Onderzoeksopzet

Primary endpoints are measured with the Numeric Rating Scale or PAIN-AD Scale, before the intervention and 30 minutes after the intervention. Secondary endpoint 'complications' are measured with a complication registration list after the intervention. Secondary endpoint 'side effects' are measured with a side effect registration after the intervention. For example: no visualization of the needle, no visual hydrodissection, paresthesesia, pain by spreading the fluid, Local Anesthetic System Toxicity (LAST)

Onderzoeksproduct en/of interventie

ultrasound guided FIC-block

Contactpersonen

Publiek

Regional Ambulance Care Brabant Midden-West-Noord
Lennert Breedveld

0651107082

Wetenschappelijk

Regional Ambulance Care Brabant Midden-West-Noord
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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Suspicion of a collumnfracture with at least one objective goal: exorotation, axle pressure pain or shortening of the extremity at which analgesia using ultrasound guided FIC-block is applied

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Persons at which an ultrasound guided FIC-block is executed, but when the data in the research is insufficient by an incomplete dataset.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders

Toewijzing:	N.v.t. / één studie arm
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	01-01-2020
Aantal proefpersonen:	150
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Positief advies

Datum:	01-07-2021
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL9596
Ander register	METC Brabant : NW2021-61

Resultaten