

Dynamics of male pelvic floor contractions through transperineal ultrasound imaging in continent and incontinent patients after radical prostatectomy.

Gepubliceerd: 24-10-2012 Laatste bijgewerkt: 18-08-2022

1. To investigate the intra- and interreliability of transperineal ultrasound measurements of the displacement of multiple points along the urethra in men after radical prostatectomy; 2. To compare the relative displacement of urethrovesical...

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

Samenvatting

ID

NL-OMON23686

Bron

NTR

Verkorte titel

N/A

Aandoening

Urinary incontinence
Radical prostatectomy
Transperineal ultrasound

Ondersteuning

Primaire sponsor: KU Leuven, Faculty of Kinesiology and Rehabilitation Science
Overige ondersteuning: Institute for the Promotion of Innovation by Science and Technology in Flanders (IWT), Toegepast Biomedisch onderzoek met een primaire Maatschappelijke finaliteit (TBM)

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

To investigate if the displacement of the anorectal junction, ventral and dorsal urethrovesical junction, dorsal point of the bulbus and dorsal point of the striated urethral sphincter have a good intra- and interrater reliability.

Toelichting onderzoek

Achtergrond van het onderzoek

Prostate cancer is the most common cancer in men on this moment. Radical prostatectomy is since many years the gold standard for eradication of localized prostate cancer. Urinary incontinence however remains one of the most embarrassing complications after prostatectomy. This project aims to investigate the underlying causes of urinary incontinence by visualising the displacement of several points along the urethra, while contracting the pelvic floor, with transperineal ultrasound.

Doel van het onderzoek

1. To investigate the intra- and interreliability of transperineal ultrasound measurements of the displacement of multiple points along the urethra in men after radical prostatectomy;
2. To compare the relative displacement of urethrovesical junction, anorectal junction and distal urethra during voluntary pelvic floor muscle contractions from preoperative to 3 months postoperative after radical prostatectomy;
3. To compare the relative displacement of urethrovesical junction, anorectal junction and distal urethra during voluntary pelvic floor muscle contractions between continent and incontinent men after radical prostatectomy.

Onderzoeksopzet

Group 1 (continent men): Preoperatively and 3 months postoperatively;

Group 2 (incontinent men): Minimum 1 year postoperatively.

Onderzoeksproduct en/of interventie

Both groups will have transperineal ultrasound.

Group 1: Patients who are planned for a radical prostatectomy will have a transperineal ultrasound of the displacement of multiple points along the urethra pre- and postoperatively.

Group 2: Patients who had a radical prostatectomy minimum one year before and are still incontinent will have a transperineal ultrasound of the displacement of the same multiple points along the urethra.

Contactpersonen

Publiek

Postbus 1501
Inge Geraerts
Katholieke Universiteit Leuven
Faculteit Bewegings- en Revalidatiewetenschappen
Tervuursevest 101
Leuven 3001
Belgium
+32 16329120

Wetenschappelijk

Postbus 1501
Inge Geraerts
Katholieke Universiteit Leuven
Faculteit Bewegings- en Revalidatiewetenschappen
Tervuursevest 101
Leuven 3001
Belgium
+32 16329120

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Continent patients:

1. Patients who will have a radical prostatectomy for localised or locally advanced prostate cancer in the University Hospital Gasthuisberg in Leuven;

2. Patients who can participate in one pre- and one postoperative transperineal ultrasound measurement in the University Hospital Gasthuisberg.

Incontinent patients:

1. Patients who had a radical prostatectomy in the University Hospital Gasthuisberg, minimally 1 year before and are still urinary incontinent;

2. Patients willing to participate in one transperineal ultrasound measurement.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Patients who don't want to participate to the study.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-12-2012
Aantal proefpersonen:	16
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum: 24-10-2012

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	NL3516
NTR-old	NTR3678
Ander register	IWT : 080678
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

N/A