

**Name of Journal:** *World Journal of Clinical Urology*

**Manuscript NO:** 54658

**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Study*

**Evaluation of patient reported outcome measures post urethroplasty: Piloting a “Trifecta” approach**

Ong M *et al.* PROMs post urethroplasty: A “Trifecta”

Michelle Ong, Catriona Duncan, Matthew McGrail, Devang J Desai

## INTRODUCTION

Buccal mucosal graft urethroplasty has become the gold standard treatment for management of urethral strictures<sup>[1]</sup>. In evaluating patient outcomes from urethroplasty, patient reported outcome measures (PROMs) are utilized to fully evaluate surgical

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### Evaluation of outcomes of Urethral Stricture Surgery ...

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**Patient-reported outcome measures** (PROMs) are health questionnaires that aim to capture a **patient's** self-assessment of health and of the quality of care delivered before and **after** the treatment. A reliable **PROM** may be used by a urologist to directly **measure** the benefit that patients derive from the chosen method of treatment.

**Author:** Adam Kaluźny, Mikołaj Frankiewicz, Jak... **Publish Year:** 2019

### Patient-Reported Outcome Measures in Urethral ...

<https://europepmc.org/articles/PMC6221805>

May 01, 2018 · Recent Findings. Many disease non-specific and/or non-validated **patient-reported outcome measures** (PROMs) have been utilized to evaluate the voiding symptoms and sexual of function of patients **after urethroplasty** in the literature.

**Cited by:** 4 **Author:** Nima Baradaran, Lindsay A. Hampson, Tod...

**Publish Year:** 2018

### Assessment of satisfaction and Quality of Life using self ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5433370>

This **study presents patient-reported outcomes measures after urethroplasty** using two different questionnaires for this purpose with each **patient** as his own control. We demonstrated continuous relief in IPSS, QoL and **USS-PROM scores** 8-months **after urethroplasty** with 84.3% of **patients** being satisfied or very satisfied with surgical results.

### A Prospective Patient-centred Evaluation of Urethroplasty ...

[https://www.europeanurology.com/article/S0302-2838\(13\)00422-3/fulltext](https://www.europeanurology.com/article/S0302-2838(13)00422-3/fulltext)

May 03, 2013 · A recent systematic review examining the implementation of PROMs in anterior **urethroplasty** revealed that to date the most widely used instrument is the American Urological Association (AUA)-7 [6 x [6] Voelzke, B.B. Critical review of existing **patient reported outcome measures after male anterior urethroplasty**. J Urol. 2013; 189: 182–188

**Cited by:** 72 **Author:** Matthew J. Jackson, Ishaan Chaudhury, Alt...

**Publish Year:** 2013

### A Prospective Patient-centred Evaluation of Urethroplasty ...

<https://www.sciencedirect.com/science/article/pii/S0302283813004223>

Only **patients** can assess these **outcomes**, but in the absence of a **validated patient-reported outcome measure (PROM)**, **urethral surgeons** have adopted questionnaires designed for other conditions of the lower urinary tract, without scientifically robust evidence of their measurement properties for men with **urethral stricture**.

**Cited by:** 72 **Author:** Matthew J. Jackson, Ishaan Chaudhury, Alt...

**Publish Year:** 2013

### [PDF] A Prospective Patient-centred Evaluation of Urethroplasty ...

[https://www.europeanurology.com/article/S0302-2838\(13\)00422-3/pdf](https://www.europeanurology.com/article/S0302-2838(13)00422-3/pdf)

A **Prospective Patient-centred Evaluation of Urethroplasty** for ... **patient-reported outcome measure (PROM)** and those who declined to ... QoL 2 yr **after urethroplasty**; 8 (17%) **reported** no change, and 5 (11%) felt they were worse. The 13 men who did not report a QoL improvement had a lesser reduction in

### Measuring and Predicting Patient Dissatisfaction after ...

<https://www.sciencedirect.com/science/article/pii/S0022534716003517>

Measuring and Predicting **Patient Dissatisfaction after Anterior Urethroplasty** Using **Patient Reported Outcomes Measures**. ... A **prospective patient-centred evaluation of urethroplasty** for anterior urethral stricture using a validated **patient-reported outcome measure**. Eur Urol, 64 (2013), p. 777.

**Cited by:** 16 **Author:** Laura A. Bertrand, Bryan B. Voelzke, Sean P...

**Publish Year:** 2016

### A Prospective Patient-centred Evaluation of Urethroplasty ...

<https://www.researchgate.net/publication/236690295...>

A **Prospective Patient-centred Evaluation of Urethroplasty** for Anterior Urethral Stricture Using a Validated **Patient-reported Outcome Measure** Article in European Urology 64(5) · May 2013 with 29 ...

### Critical Review of Existing Patient Reported Outcome ...

<https://www.researchgate.net/publication/233749687...>

Critical Review of Existing **Patient Reported Outcome Measures After Male Anterior Urethroplasty** Article · Literature Review in The Journal of urology 189(1) · November 2012 with 37 Reads

### Assessment of satisfaction and Quality of Life using self ...

<europepmc.org/abstract/MED/28128915>

Mar 01, 2017 · This **study presents patient-reported outcomes measures after urethroplasty** using two different questionnaires for this purpose with each **patient** as his own control. We demonstrated continuous relief in IPSS, QoL and **USS-PROM scores** 8-months **after urethroplasty** with 84.3% of **patients** being satisfied or very satisfied with surgical results.

**Cited by:** 5 **Author:** Eduardo Terra Lucas, Walter José Koff, Tia...

**Publish Year:** 2017

### Buccal mucosal graft urethroplasty for radiation-induced ...

<https://link.springer.com/article/10.1007/s00345-020-03102-5>

To evaluate objective treatment success and subjective **patient-reported outcomes** in patients with radiation-induced urethral strictures undergoing single-stage **urethroplasty**. Monocentric study of patients who underwent single-stage ventral onlay buccal mucosal graft **urethroplasty** for a radiation-induced stricture between January 2009 and December 2016. Patients were characterized by ...

### Excision and Primary Anastomosis for Bulbar Urethral ...

<https://www.hindawi.com/journals/bmri/2019/7826085>

In 2011, the validated Urethral Stricture Surgery Patient Reported Outcome Measure (USS PROM) was developed to assess patient-centred functional outcomes after urethroplasty [ 19 ]. This questionnaire assesses lower urinary tract symptoms (LUTS), general health status, and treatment satisfaction.

### Psychometric validation of a German language version of a ...

<https://link.springer.com/10.1007/s00345-015-1610-8>

To validate a German language version of the **patient-reported outcome** measurement (**PROM**) following urethral stricture surgery (USS) in a cohort of men undergoing one-stage buccal mucosa graft **urethroplasty** (BMGU) for urethral stricture. Furthermore, to explore the responsiveness of erectile function (EF) and urinary incontinence (UI) constructs in the context of this intervention. The USS-**PROM** ...

### [PDF] Assessment of Satisfaction and Quality of Life using ...

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**patient-perceived symptoms** and QoL **outcomes after** perineal urethrostomy, although the recent development of a urethral stricture surgery-**patient-reported outcome measure** (USS-**PROM**) is gaining considerable importance in the **evaluation** of patients' perception of surgical success.[7-9] Purpose of this study was to prospectively





Evaluation of patient reported outcome measures post urethroplast



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Jul 01, 2011 · 1. Introduction. **Patient-reported outcome measures** (PROMs) are health questionnaires that patients complete before and after an intervention to determine whether their symptoms or health-related quality of life (HRQoL) have changed, .PROMs indicate **patient**-perceived benefit from surgery and are necessary for preoperative **patient** counselling, performance benchmarking, and resource ...

**Cited by:** 162

**Author:** Matthew J. Jackson, John Sciberras, Altaf ...

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that is not unlike others **reported** above. This **approach**. ... **urethroplasty** and to develop standardized **patient outcome measures**. ... **post-urethroplasty** monitoring includes retrograde urethrogram ...

## [Defining a Patient-Reported Outcome Measure for Urethral ...](#)

<https://www.europeanurology.com/article/S0302-2838...>

Mar 14, 2011 · The **urethroplasty patient-reported outcome measure** is a succinct, practical, and psychometrically robust instrument designed specifically to quantify changes in voiding symptoms and health-related quality of life following urethral stricture surgery.

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Jul 01, 2011 · 1. Introduction. **Patient-reported outcome measures** (PROMs) are health questionnaires that patients complete before and after an intervention to determine whether their symptoms or health-related quality of life (HRQoL) have changed. PROMs indicate **patient**-perceived benefit from surgery and are necessary for preoperative **patient** counselling, performance benchmarking, and resource ...

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## Defining a Patient-Reported Outcome Measure for Urethral ...

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Mar 14, 2011 · The **urethroplasty patient-reported outcome measure** is a succinct, practical, and psychometrically robust instrument designed specifically to quantify changes in voiding symptoms and health-related quality of life following urethral stricture surgery.

## (PDF) Defining a Patient-Reported Outcome Measure for ...

<https://www.researchgate.net/publication/50593211...>

Mar 01, 2011 · Objectives: To describe **patient-reported outcome measures** (PROMs) after buccal mucosa graft (BMG) **urethroplasty**. Materials and methods: We prospectively collected PROMs of patients who underwent ...

## Erectile function after posterior urethroplasty for pelvic ...

<https://bjui-journals.onlinelibrary.wiley.com/doi/full/10.1111/j.1464-410X.2009.08589.x>

Sep 14, 2009 · Lee C. Zhao, Christopher M. Gonzalez, The Use of **Patient-Reported Outcome Measures** in Men with Urethral Stricture Disease, Advanced Male Urethral and Genital Reconstructive Surgery, 10.1007/978-1-4614-7708-2\_30, (435-448), (2014).

**Author:** Jennifer T. Anger, Neil D. Sherman, Elodi ...

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### Patient-reported outcome

A patient-reported outcome is a health outcome directly reported by the patient who experienced it. It stands in contrast to an outcome reported ...