

CENTER FOR RECONSTRUCTIVE URETHRAL SURGERY



GUIDO BARBAGLI, M.D.
Arezzo - Italy

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www.urethralcenter.it



Instructional Course 10

Reconstruction of the Anterior Urethra and Genitalia

G. Barbagli - Arezzo - Italy

Sanjay B. Kulkarni - Pune - India

Rados Djinovic - Belgrade - Serbia

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**Repair of uncomplicated bulbar
urethral strictures using one-stage
tissue-engineered oral mucosa graft.**

(MukoCell®)

Surgical technique and preliminary results.

**Dr. Gouya Ram-Liebig and Dr. Soren Liebig
UroTiss GmbH – Dresden - Germany**



**Prof. G. Barbagli and Dr. G. Romano
Center for Reconstructive Urethral Surgery – Arezzo - Italy**

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Dresden - Germany

UroTiss GmbH is a pharmaceutical company, founded in Germany in 2005 by Dr. Gouya Ram-Liebig and Dr. Soren Liebig.

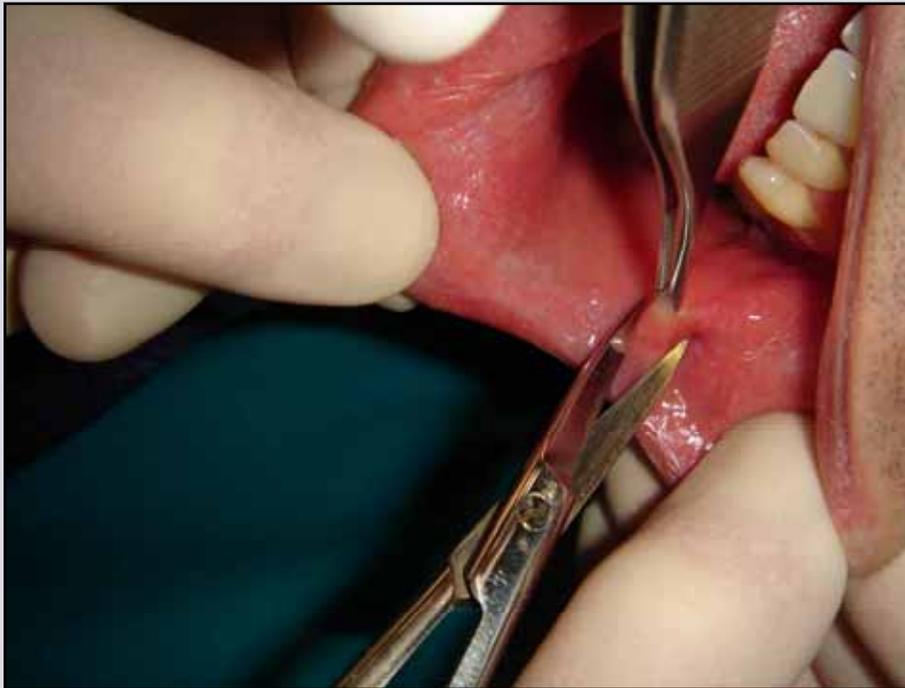
UroTiss provides products with highest safety and quality, in accordance to current Good Manufacturing Practices (GMP).

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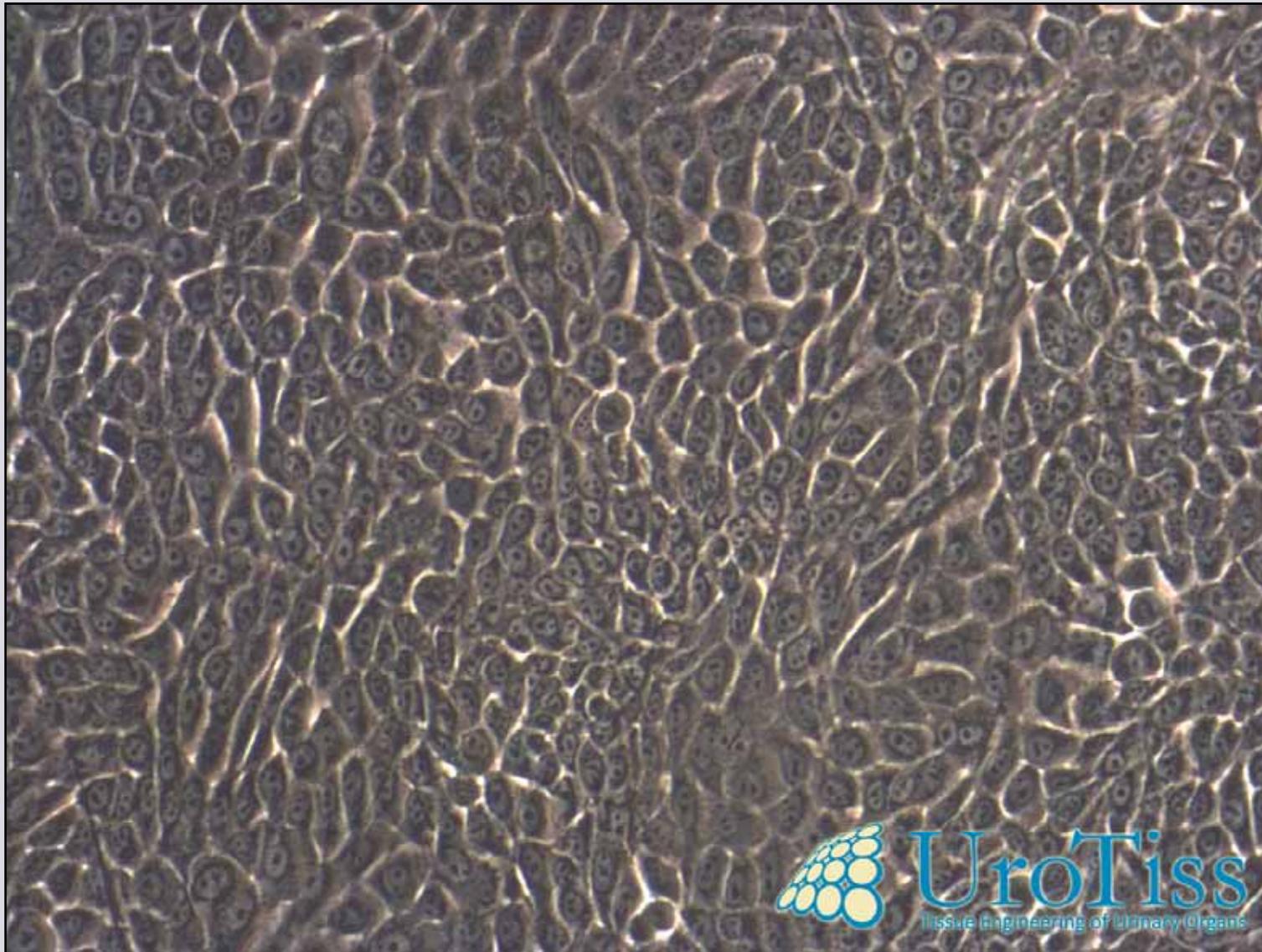
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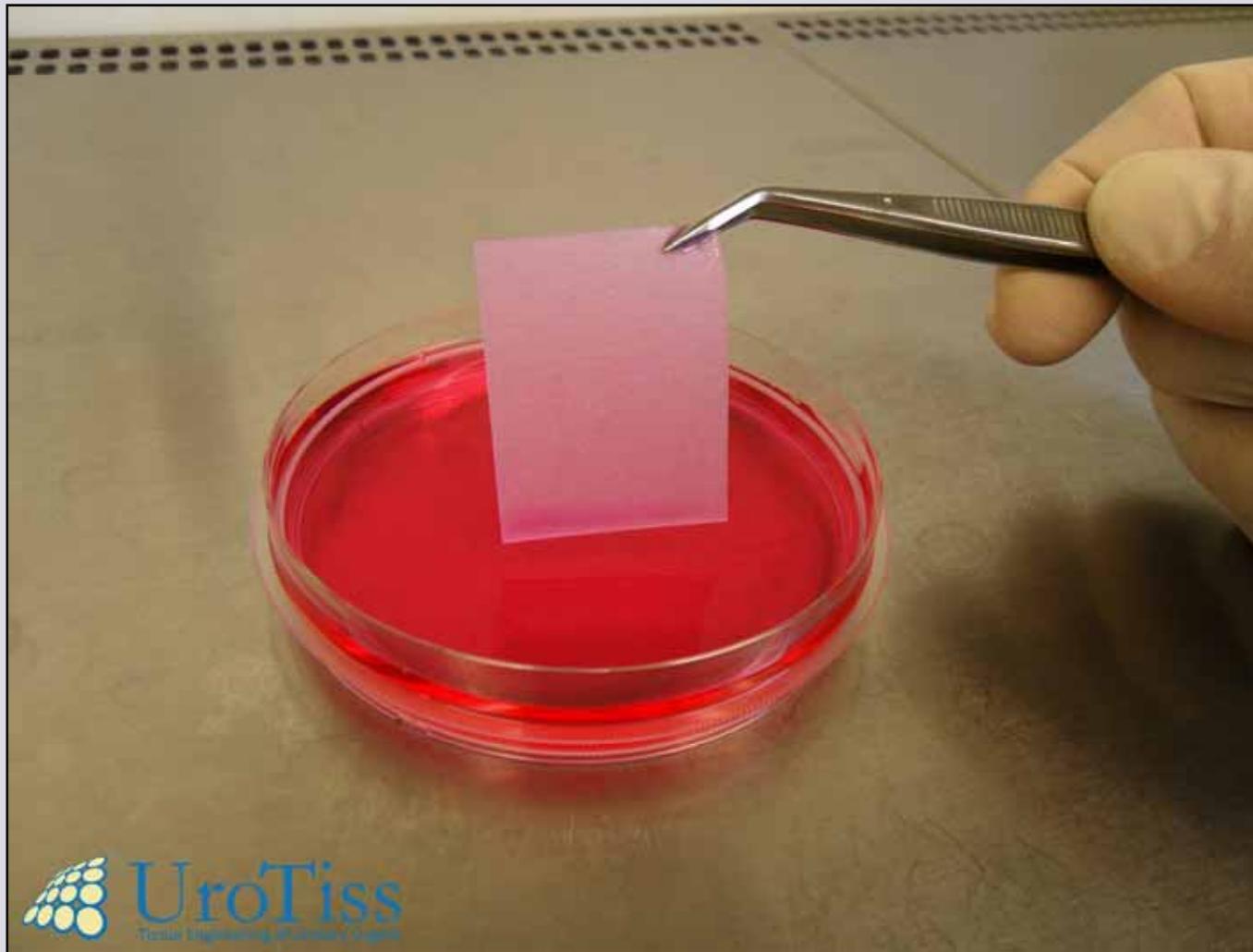
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3 weeks later

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48 hours for transplantation

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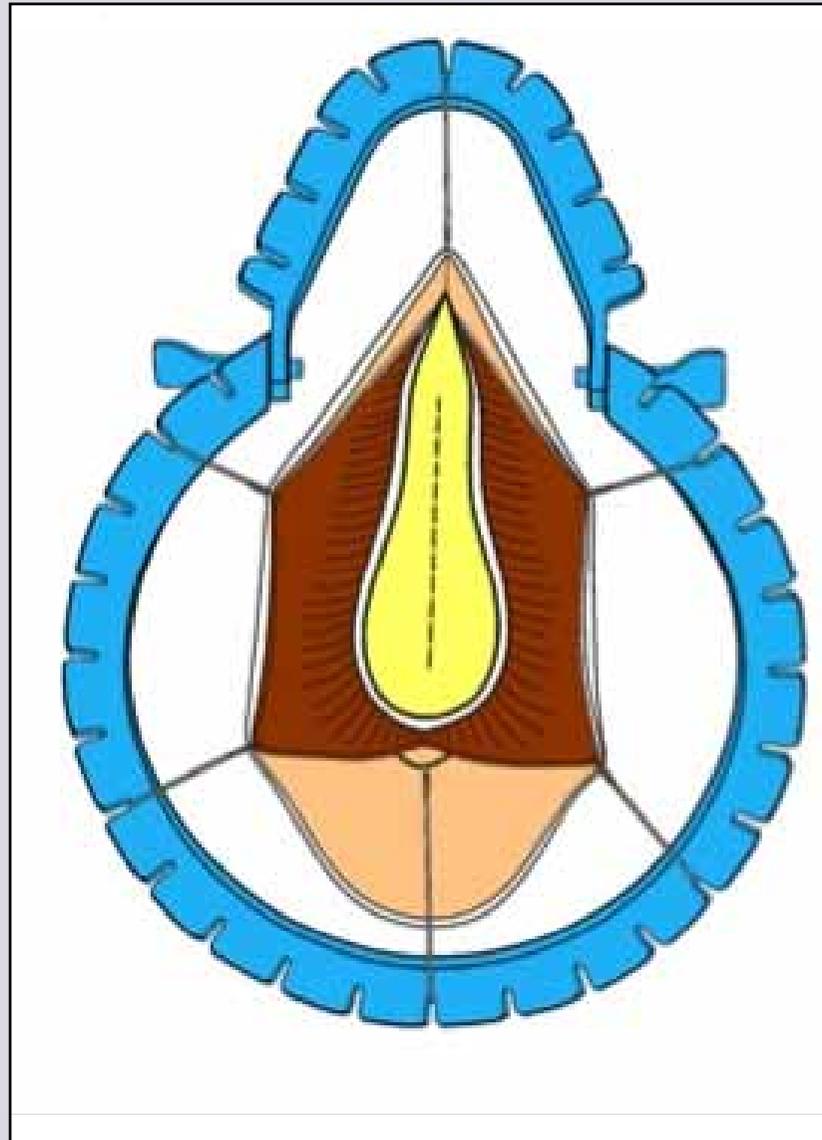
Pre-operative retrograde urethrography



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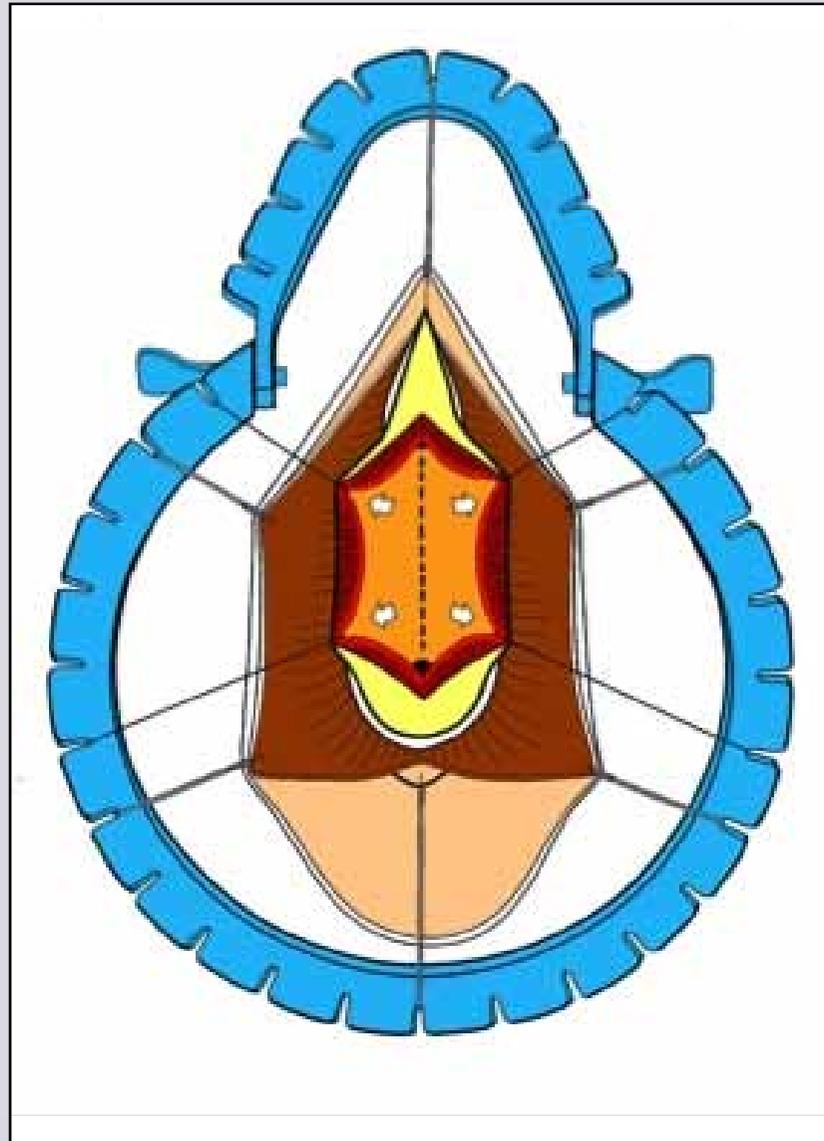
Surgical technique



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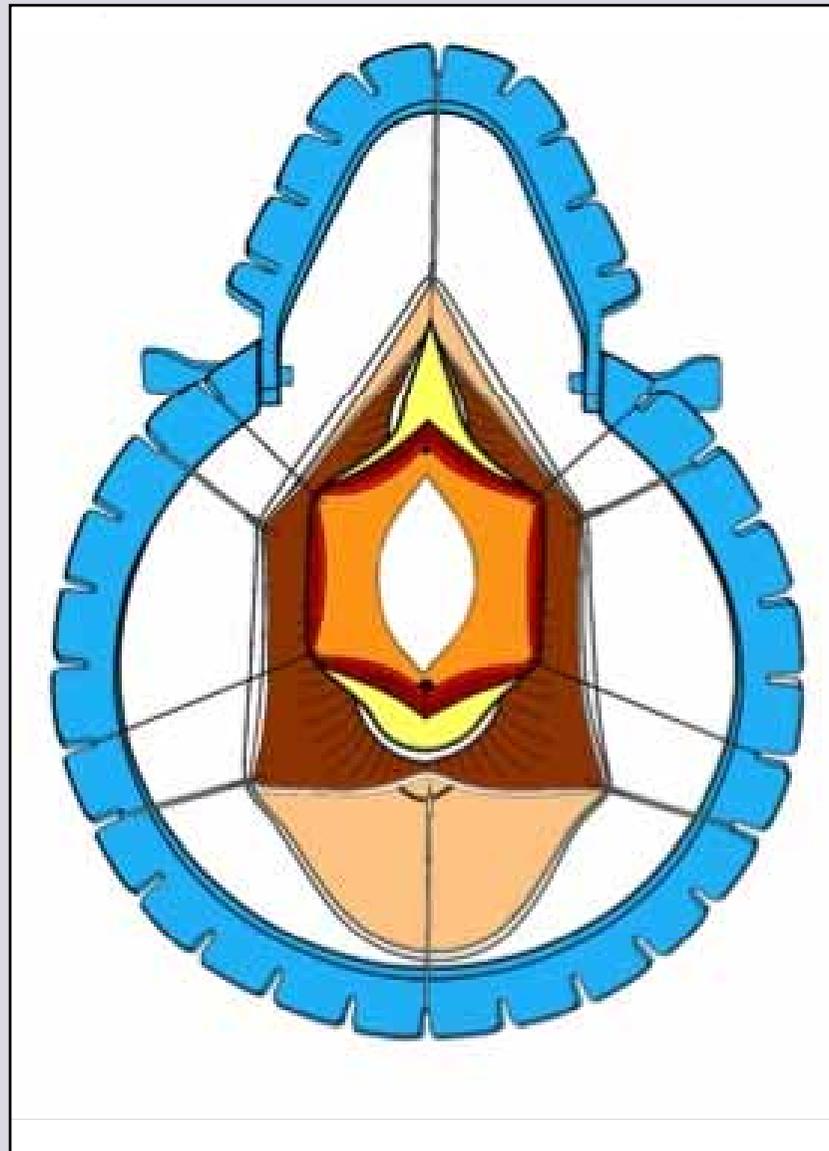
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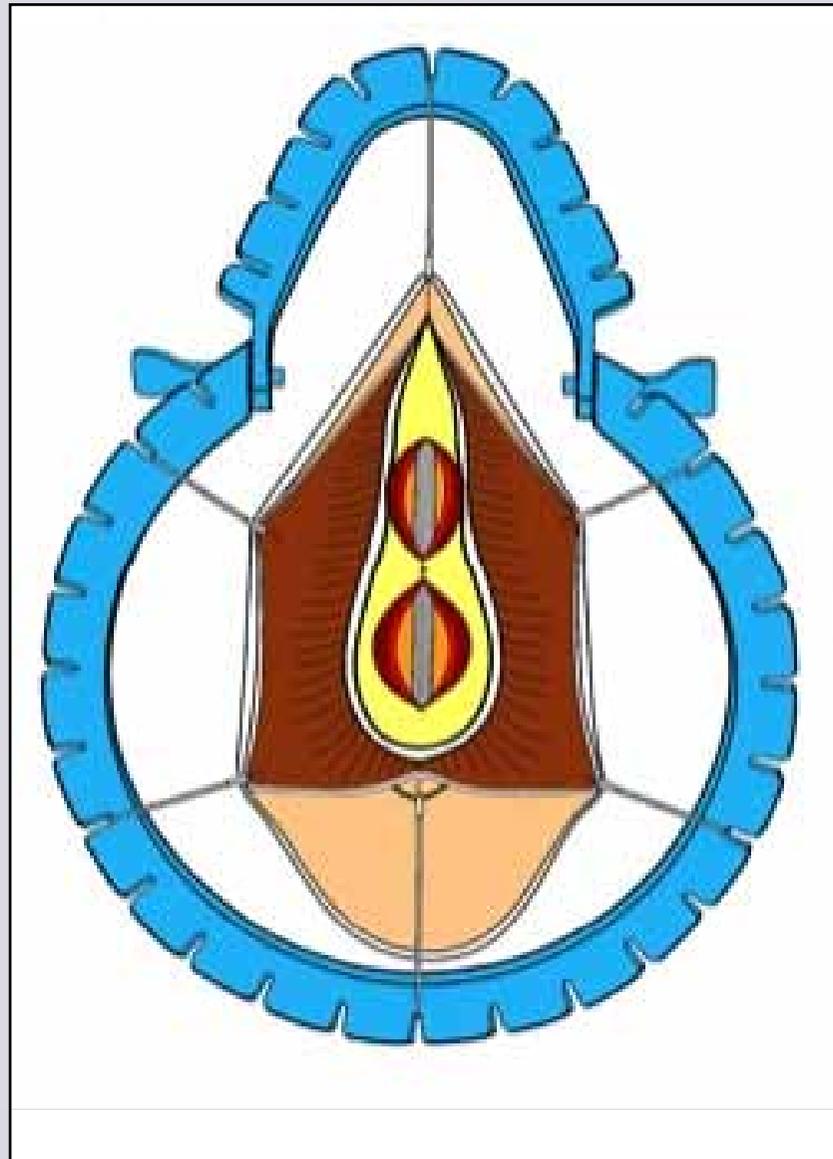
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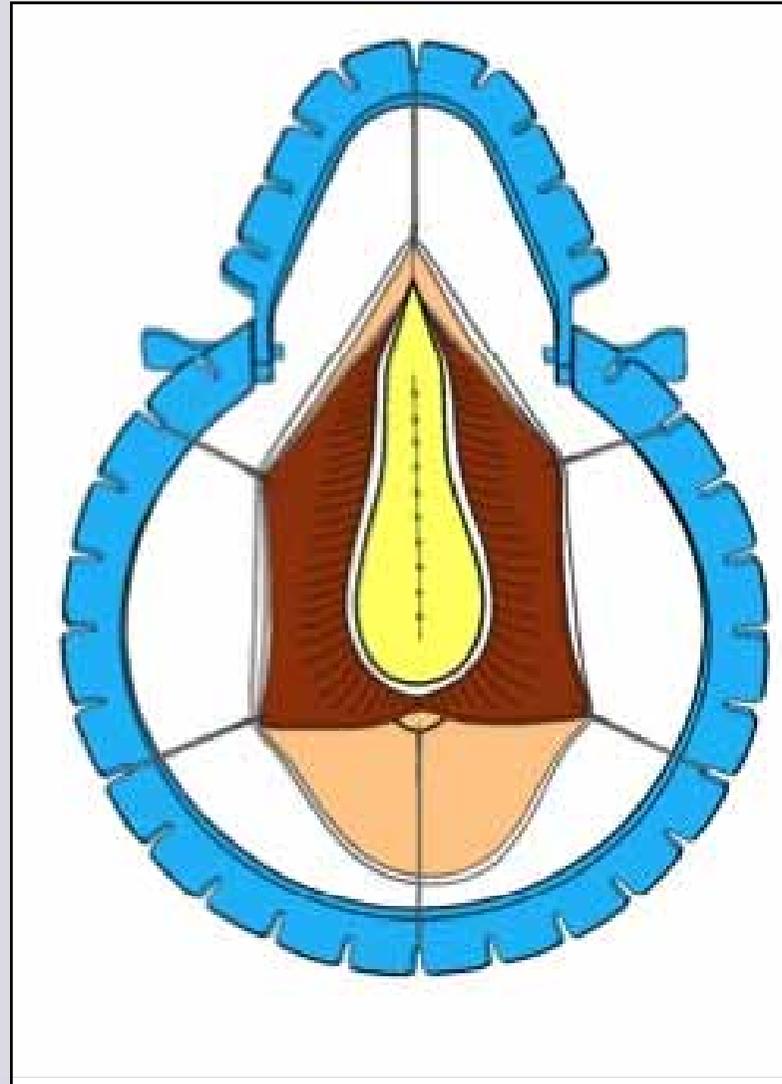
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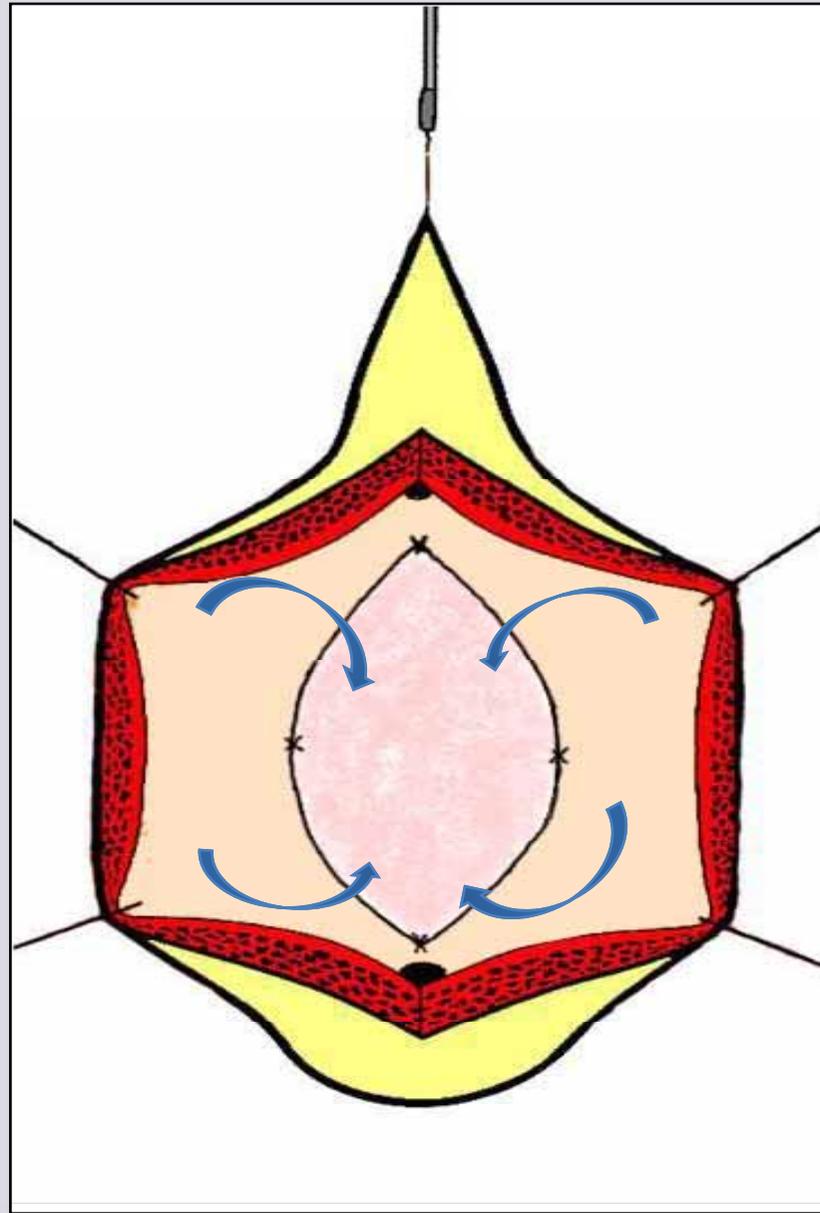
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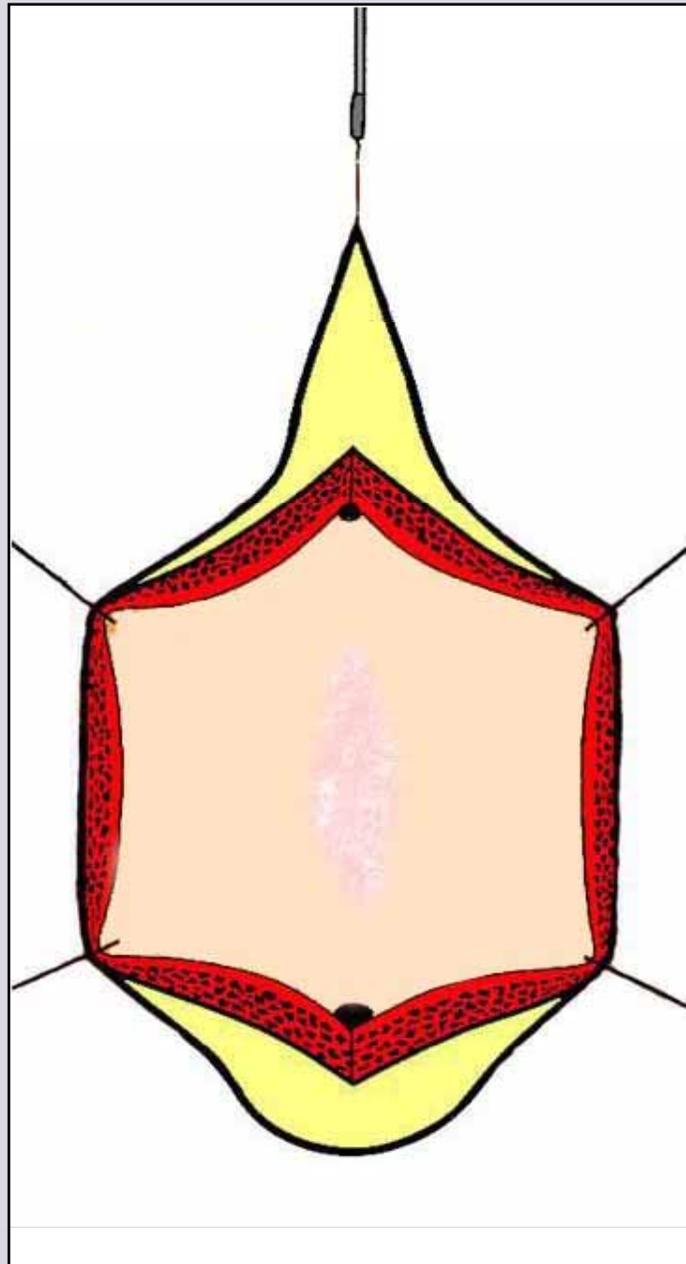
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Preliminary series of patients

12 patients

Bulbar urethral stricture

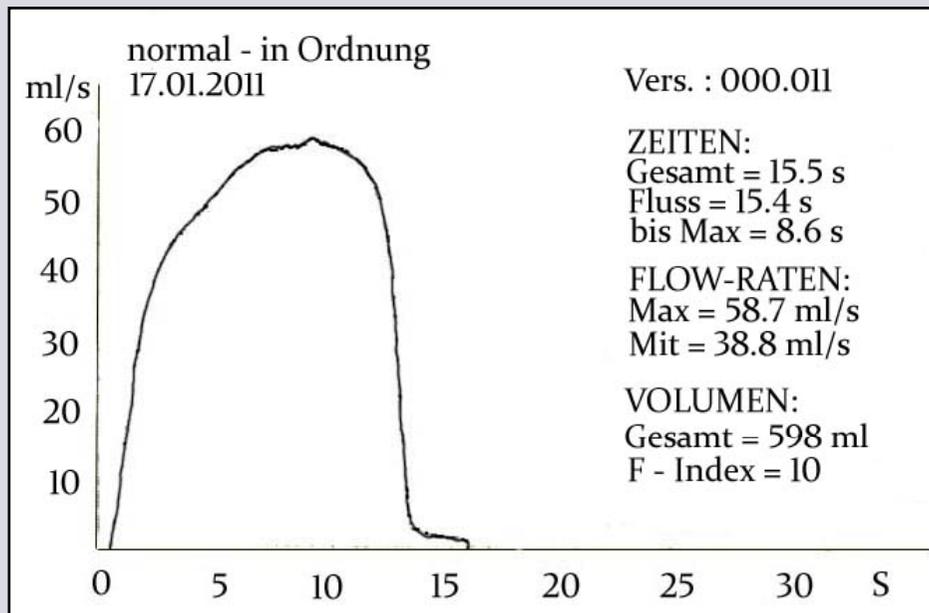
Mean age: 43 years (31 – 75)

Mean follow-up: 10 months (4 – 21)

Mean stricture length: 4 cm (2 – 6)

Preliminary results at short-term follow-up (mean: 10 months)

Out of 12 patients, none required further urethral manipulation, including dilation, after the MukoCell's transplantation into the bulbar urethra



Our preliminary experience



Oral mucosa



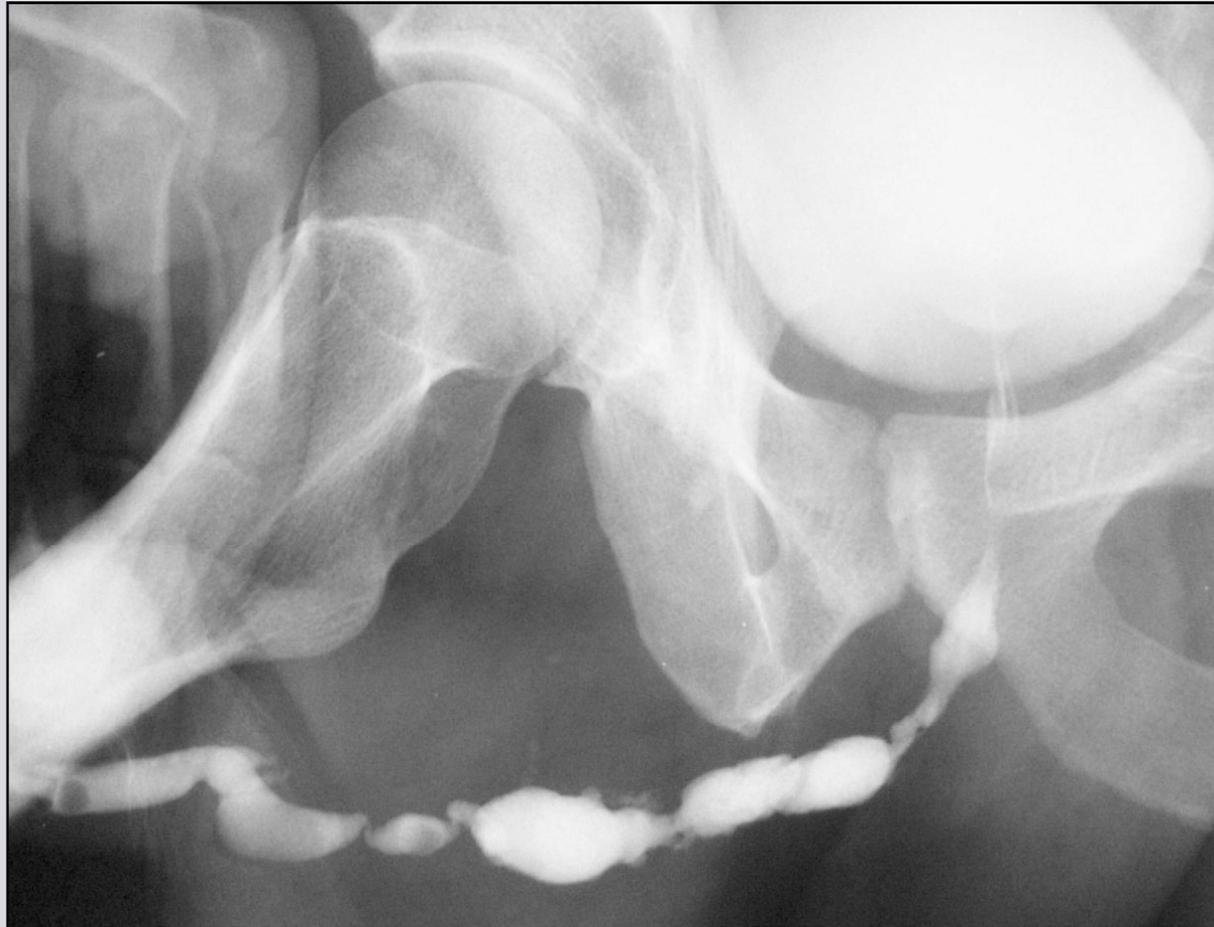
Tissue engineered oral mucosa

Our preliminary experience



Is tissue engineered oral mucosa adaptable for any type of urethroplasty ?

Our preliminary experience



Is tissue engineered oral mucosa adaptable for any type of urethroplasty ?

Our preliminary experience



The use of tissue engineered oral mucosa is not a simple surgical procedure and should be performed only in a Centre of excellence for urethral surgery

For more information about MukoCell manufacturing or if you are interested in developing this technology in your country please contact Dr. Gouya Ram-liebig at:



Email: g.ram-liebig@urotiss.com

www.urotiss.com



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**Next month, this lecture will be fully available on our
websites**

Thank you !

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