



**UREGROW<sup>®</sup>**

**URETHRA**  
CELL THERAPY

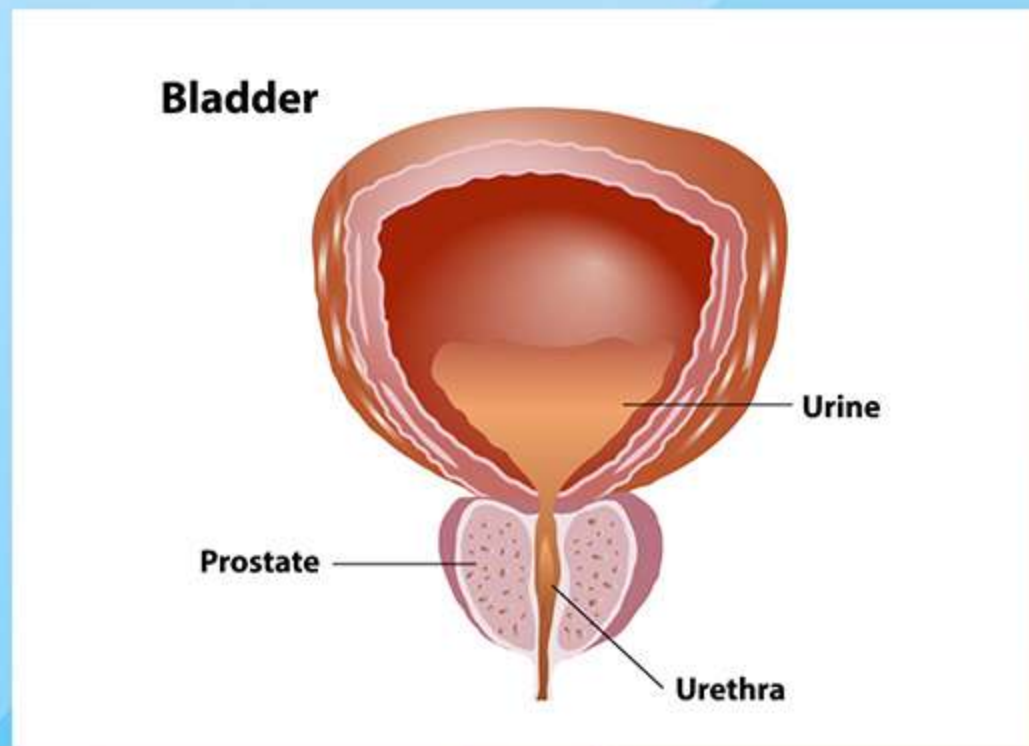


## Urethral Tissue

The urethra is a vital channel responsible for expelling urine from the bladder. It's like nature's drainage system ensuring your comfort and well-being.

## Functions of Urethra

- The urinary bladder stores urine
- The urethra helps expel urine from the body
- Allows the passage of semen

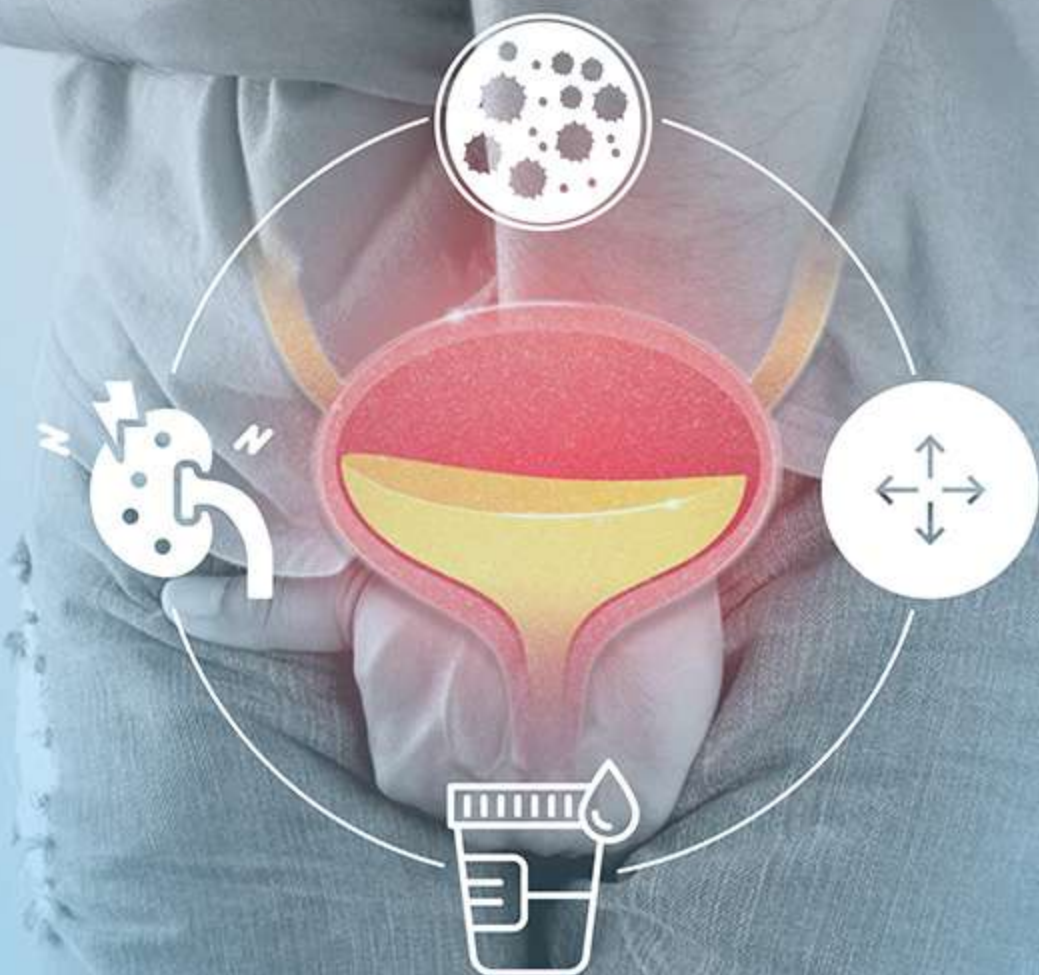




## Urethra Tissue Damage

Damage to the urethra is common and can result from various causes:

- **Inflammation:** Swelling and irritation from factors like UTIs or STDs can scar and narrow urethral tissue
- **Infection:** Recurrent or untreated infections can damage urethra tissue, fostering scar formation due to bacterial, viral, or fungal infections
- **Iatrogenic Injuries:** Medical procedures involving the urinary tract, such as catheterization or prostate surgeries, might inadvertently harm delicate urethral tissues, contributing to strictures





# Symptoms of Urethra Damage

Patients may face single or multiple symptoms depending on the extent of the damage caused in the urethra tissue.

Once damaged, urethra tissue develops scar or abnormal tissue which is very dense and constricts the passage, advancing to complete closure of the urinary passage.

Only surgical intervention can help patients get back to pain-free urine flow and an active social and sexual life.

## Symptoms of Urethra Damage



**CONSTRICTED  
URINE FLOW**



**PAIN OR DISCOMFORT  
WHILE URINATING**



**FREQUENT  
URINATION**



**INCOMPLETE EMPTYING  
OF THE BLADDER**

# Diagnosis of Urethra Tissue Damage

Diagnosis involves:

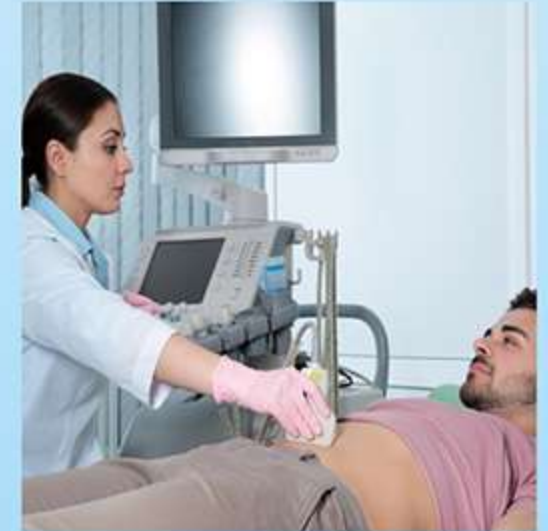
**Uroflowmetry:** Evaluates urine flow rate to detect abnormalities.

**Sonography (KUB):** Uses imaging to pinpoint and measure strictures.

**Patient Scoring:** Utilizes methods like American Urological Association (AUA) scoring to assess damage severity, guiding treatment decisions.



**Uroflowmetry**



**Sonography (KUB)**



**American  
Urological  
Association**

Advancing Urology™

**AUA Symptom Scoring**



## Urethra Cell Therapy

**UREGROW**<sup>®</sup> Urethra Cell Therapy is a minimally invasive, patient specific regenerative medical treatment which consists of harvesting a patient's own tiny piece of buccal mucosa tissue (from the oral cavity), cell expansion, and implantation of these epithelial cells at the damaged site. This leads to the regeneration of new urethral tissue.

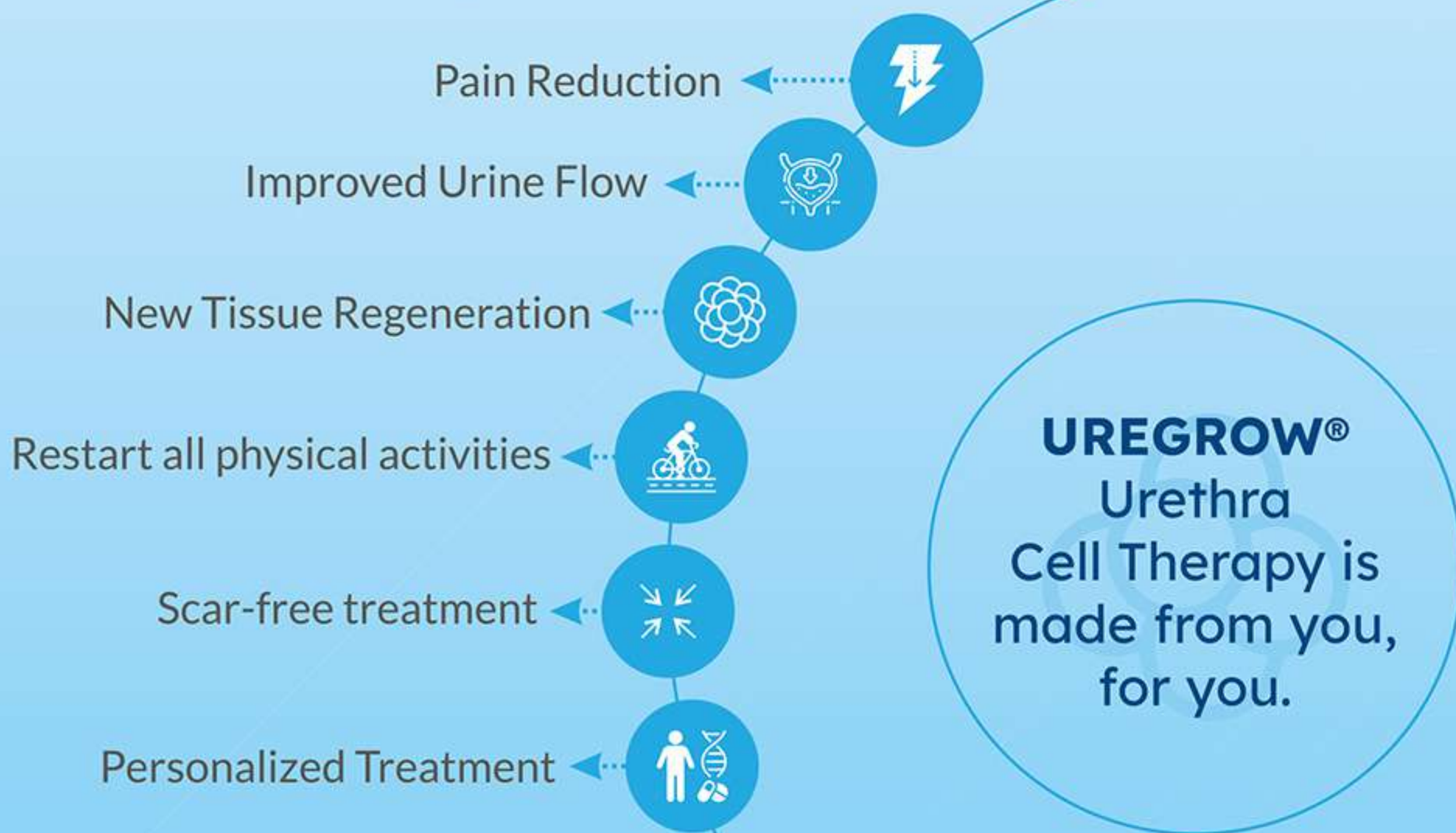
Four-year clinical outcomes of patients who underwent **UREGROW**<sup>®</sup> Urethra Cell Therapy have reported significant pain reduction, improved urine output and formation of new tissue regeneration.



Scan to View



## Benefits and Advantages





**‘MyUregrow’ offers patients exclusive support towards:**



**Treatment  
Education**



**Connect to a  
UREGROW®  
specialist**



**Insurance  
Support**

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**Disclaimer:** This booklet provides basic information on Urethra Cell Therapy (UREGROW<sup>®</sup>) for the treatment of Urethral stricture in male urethra. The intent of this booklet is to educate its users about Urethral stricture disease and treatment with UREGROW<sup>®</sup> and it does not recommend self-management of health issues. The use of this booklet does not establish a doctor-patient relationship. The information provided in this booklet is intended for general knowledge and is not an attempt to practice medicine or provide specific medical advice or a substitute for professional medical advice or treatment for medical conditions and it should not be used to make a diagnosis or to replace or overrule a qualified healthcare provider's judgment. Please consult your healthcare provider to diagnose any health problems and to answer any questions or concerns you may have regarding your condition. All efforts have been made to provide information as accurate as possible. Although the content of this booklet is generally reviewed and Urethra Cell Therapy (UREGROW<sup>®</sup>) is approved and licensed for commercial use in humans by the nodal Indian regulatory agency, CDSCO-DCGI, Ministry of Health and Family Welfare. We do not make any representation or warranties or take any responsibility or liability with respect to the accuracy, applicability, timeliness, fitness or completeness of the contents of this booklet, and any other warranty, express or implied, or for any errors or omissions in this booklet, for the results obtained from its use, or for any damage or loss caused or alleged to be caused by reliance on the information available in this booklet. All the contents herein are the property of Regrow Biosciences Pvt. Ltd. and protected by the Indian Copyrights and other applicable laws. Any unauthorized copying, distribution or translation will constitute an infringement of copyright and other applicable act. Regrow and logos containing Regrow brand mark are trademarks of Regrow Biosciences Pvt. Ltd. Other brands are trademarks of Regrow Biosciences Pvt. Ltd. or their respective owners.