

UREGROW[®]

Regenerating Urethra

Rescue the Recurrence of Urethral Stricture.

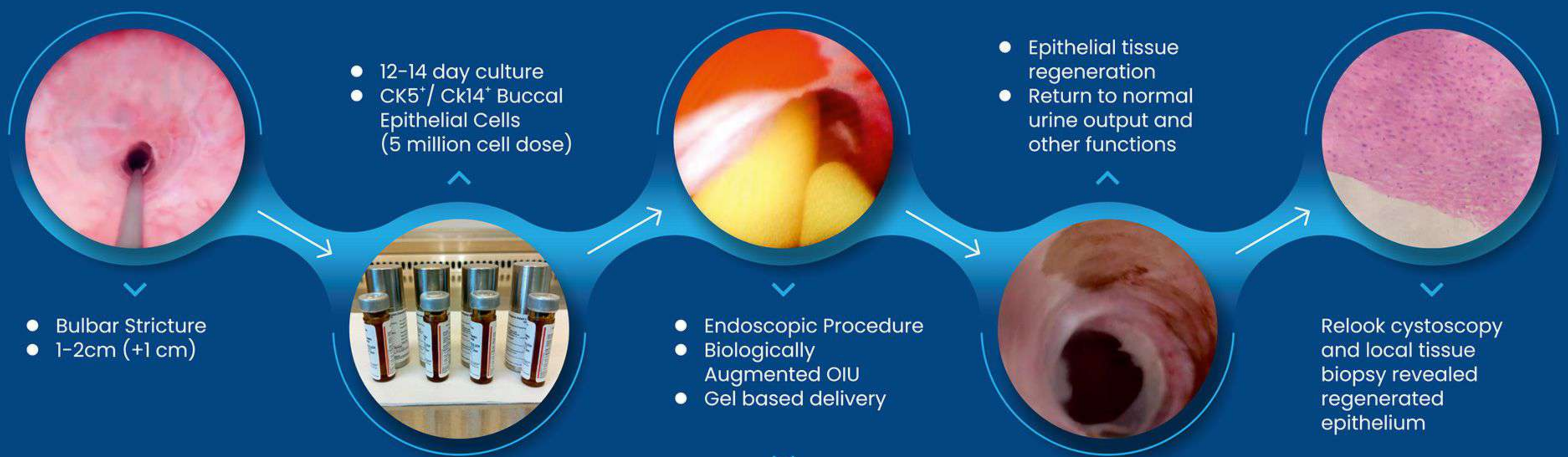


 **REGROW
BIOSCIENCES[®]**
Regrow your cells Rebuild your life

Urethral Stricture: An Unmet Need.

- Urethral stricture is a narrowing of the urethra due to scar tissue, leading to obstructive voiding dysfunction. Its prevalence among men in India is estimated to be 2-4 million annually.
- Urethral strictures are among the most common reasons for urology clinic admissions. In addition to their negative impact on quality of life (QoL), urethral strictures are also associated with further financial burden related to recurrence and associated urinary tract infections, bladder stones, fistulas, sepsis, and possible renal insufficiency.
- Studies have clearly shown that repeated urethrotomy and dilation for refractory and recurrent strictures are futile and lead to longer strictures requiring more complex repair in the future.
- As per EAU guidelines, endoscopic urethrotomy causes re-stricture in 89% of patients with efficacy of only 35-60%.
- The emergence of tissue engineering and regenerative medicine technologies offers a new and promising approach to compensate for the shortage of treatment options to treat urethral strictures more effectively.

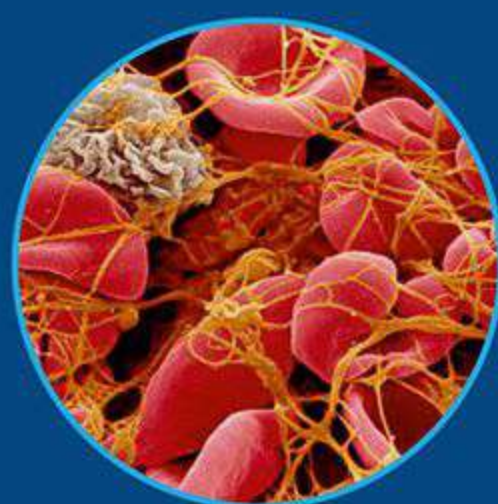
Uregrow[®] Cell Therapy. Regrow the Epithelium.



Mechanism of Action



OIU stimulates the body's natural wound healing response. Increase of blood supply at the injury site creates an angiogenic bed for cells.



Biocompatible 3D fibrin-based scaffold allows for the attachment, proliferation, and migration of the epithelial cells. Protects the cells from microenvironmental stressors.



The epithelial cells quickly integrate with surrounding tissue, releasing ECM components such as collagen and fibronectin. As the cells continue to differentiate, they form a seamless junction between the regenerated tissue and existing urethral epithelium.

UREGROW[®] Advantages



01.

Endoscopic Procedure - Product is implanted immediately after OIU.



03.

Autologous cells with controlled delivery make it an extremely safe procedure.



02.

UREGROW[®] procedure takes just 3 minutes.



04.

No learning curve and special instrumentation needed.

Accreditation



GMP Certified
Cell Processing Facility



GLP Certified
Facility



Licensed by
DCGI (CDSCO)



Patented Technology



Made In India

Reference:

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