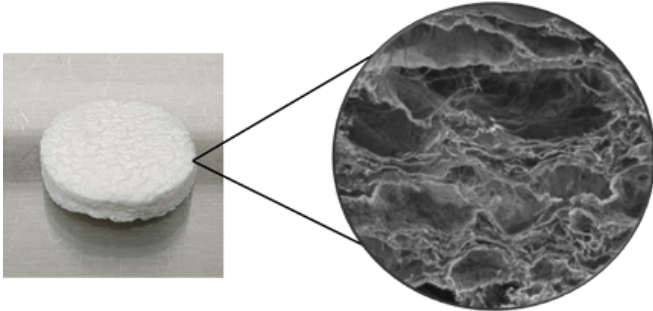


UROGRAFT

Implant for the urinary bladder reconstruction

DESCRIPTION

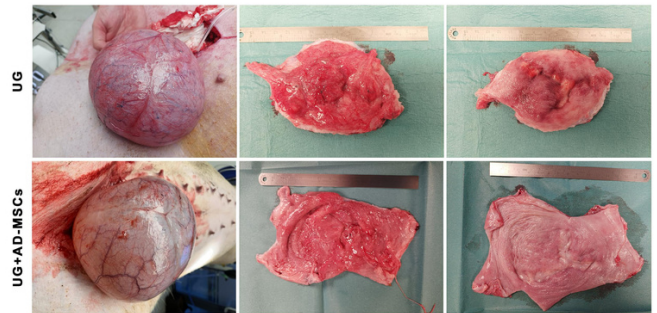


The unique structure of the UROGRAFT implant.

UROGRAFT is made of a biodegradable, composite scaffold, which is characterized by biological and mechanical properties similar to the human native urinary bladder wall. There are two available variants of UROGRAFT: an acellular product and in combination with Adipose-Derived Mesenchymal Stem/Stromal Cells (AD-MSCs).

There are many congenital and acquired conditions that require urinary bladder reconstruction.

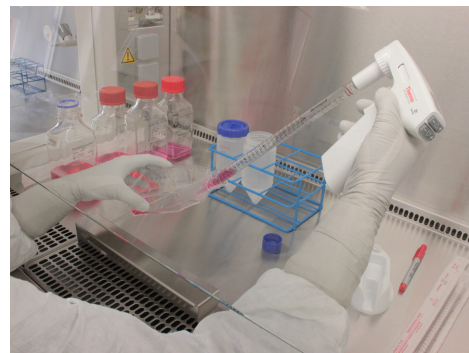
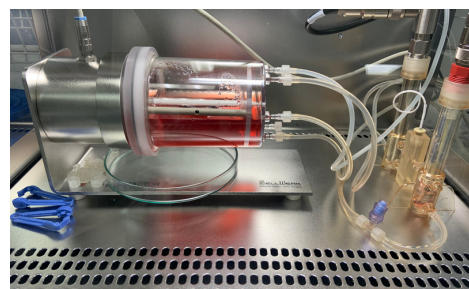
UROGRAFT is the first “straight off the shelf” product dedicated to patients requiring reconstruction of the urinary bladder. UROGRAFT is a product fully tested *in vitro* and *in vivo*, ready for use in a clinical trial.



The preclinical results on 20 pigs confirmed the safety and efficiency of the UROGRAFT product for the regeneration of the urinary bladder.



[MORE INFO](#)



LABORATORY

ADVANTAGES

- unique composite implant structure reduces urinary permeability,
- biocompatibility demonstrated *in vitro* and *in vivo*,
- demonstration of the efficacy of the implant for the regeneration of the reconstructed bladder wall on 20 pigs,
- the acellular product is available off-the-shelf and does not need to be specifically tailored to the needs of a particular patient,
- UROGRAFT can be used in combination with mesenchymal stem/stromal cells,
- the specific composition of the implant structure allows the growth of cells not only on the surface of the implant but also inside its three-dimensional structure,
- elimination of the need of gastrointestinal tissues,
- elimination of the need to perform additional surgery,

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