

Project Name: Hydrogel Biodegradable Ureteral Stent

Project number 190169028

Call: HORIZON EIC 2023 ACCELERATOR -01

Beneficiary: Hydrumedical S.A.



Funded by the
European Union

Project Summary: Hydrumedical S.A. (HYD) team is composed by a urologist and biomaterials scientists that will revolutionise the treatment of ureteral disorders. Hydrustent is a biodegradable, hydrogel-based, soft, lubricated, and flexible stent. These properties prevent bacterial adhesion (>80% of the stent-related complications) and encrustation development. Nowadays, the application of stents requires a 2nd removal procedure, a burden for patients and healthcare systems. Hydrustent is homogeneously degraded by the urine flow within 7-10 days, eliminating the need of further interventions for its removal. Hydrustent will bring huge health benefits for patients and reduce up to 60% of treatment costs (4.3B€ savings for the health system in EU+US). Validated by the urology community, with a global Ureteral Stents Market raising (~604M€ by 2030), if Hydrustent project is successfully implemented, we intend to reach the EU market in 2024 with profits amounting to 25M€, 5 years after product launch.

Start Date: 01/12/2023

Project Duration: 24 months

Total eligible costs: 2.225.375,00 EUR

Maximum Grant Amount: 1.522.762,00 EUR

Granting authority: European Innovation Council and SMEs Executive Agency

Type of action: HORIZON EIC Accelerator Blended Finance

Additional information: Blended finance (single action); grant component ('grant') complemented by an investment component (equity, loan or other) of EUR 5.040.938,00.