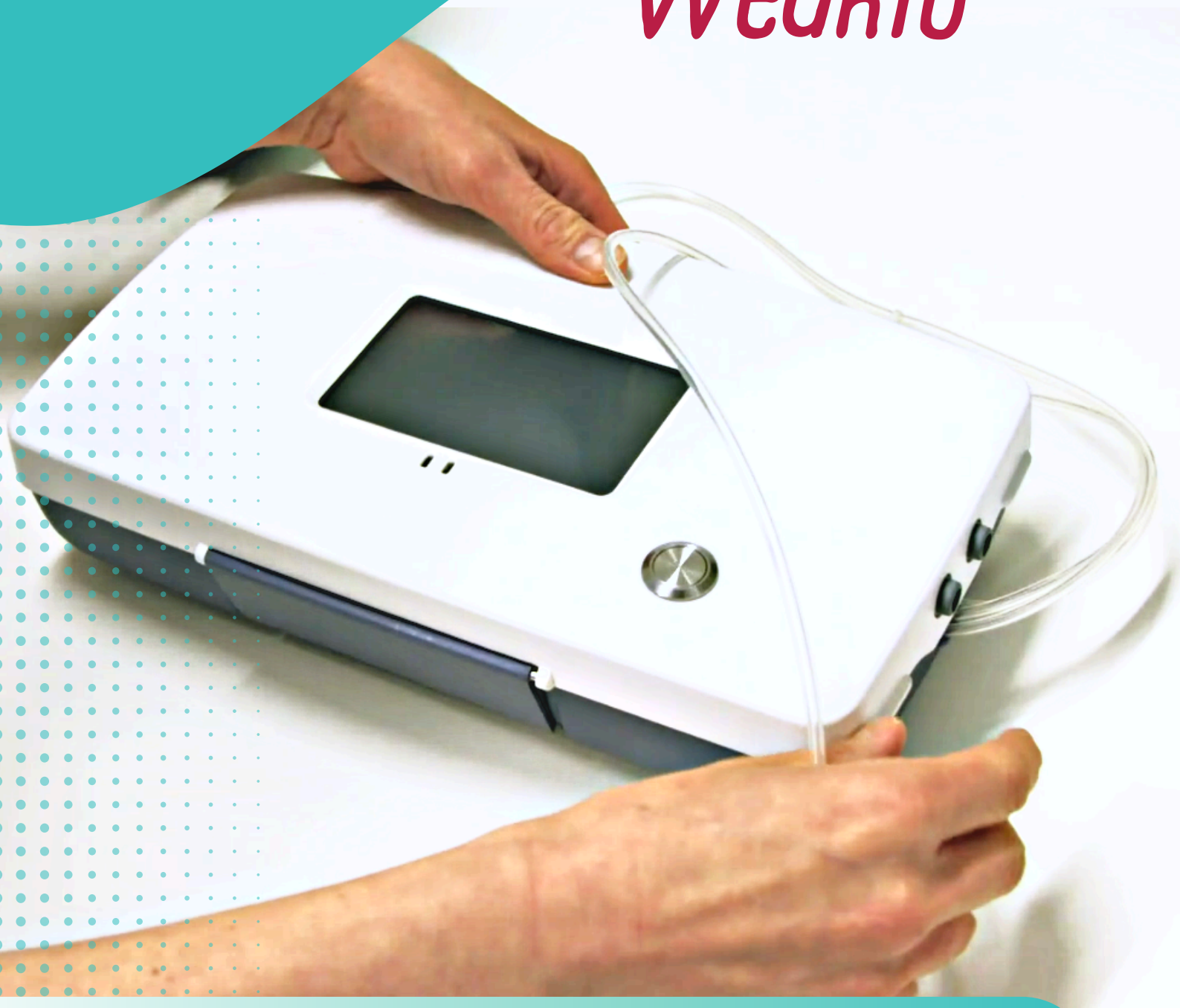


*We make life
easier on
dialysis*

Weakid



www.projectcordial.eu



Contact us via cordial@umcutrecht.nl

Improving home dialysis

Weakid is a new portable peritoneal dialysis device that provides important benefits for renal patients compared with current techniques and reduces clinical workload.



Weakid...

- ✓ Continuously recirculates and regenerates the dialysate, removes toxins by adsorption, achieves greater blood purification (1.5-2x) than conventional treatment
- ✓ Does not require very high glucose concentrations, better preservation of the peritoneal membrane
- ✓ Less connections, lower peritonitis risk
- ✓ Remote surveillance via webportal

Innovative device for
home-based effective
peritoneal dialysis

What makes it different?



Continuous circulation & regeneration of dialysate by means of sorbents improves solute transfer across the peritoneal membrane and maintains a high concentration gradient throughout the treatment, increasing clearance



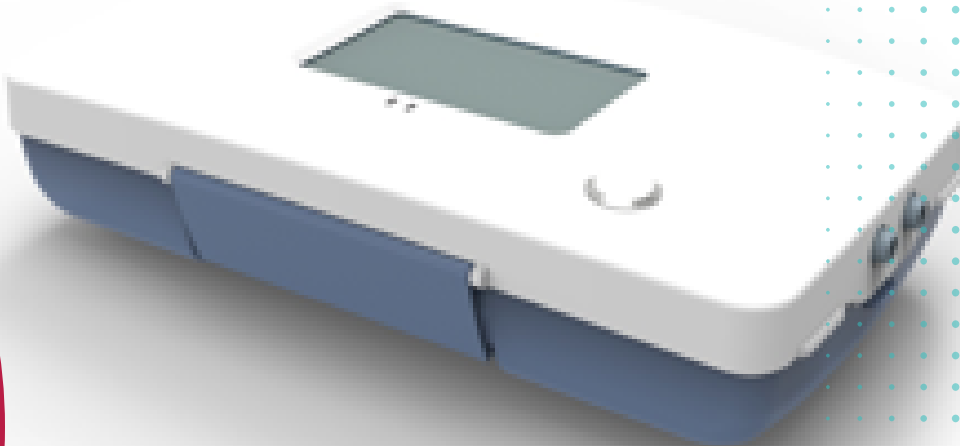
The improved clearance and low glucose load eliminate current drawbacks of peritoneal dialysis



Remotely monitors dialysis parameters and diminishes the care burden



Easy to use and small size



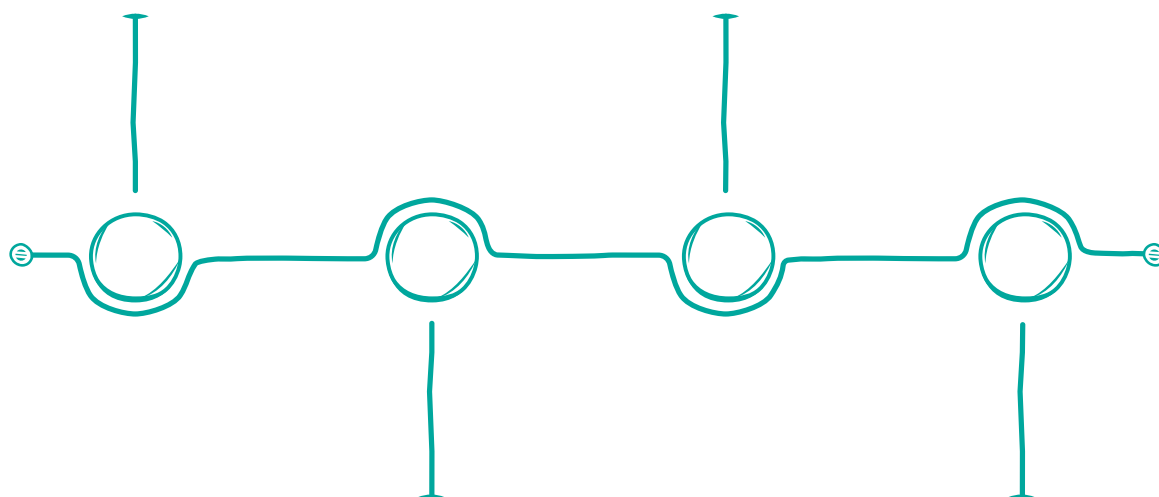
Weakid in progress



Preclinical proof of concept already completed



First-in-human study performed in 2024-2025



Usability test carried out in The Netherlands, Italy and Spain



Crossover feasibility study to investigate the efficacy and safety over a longer period



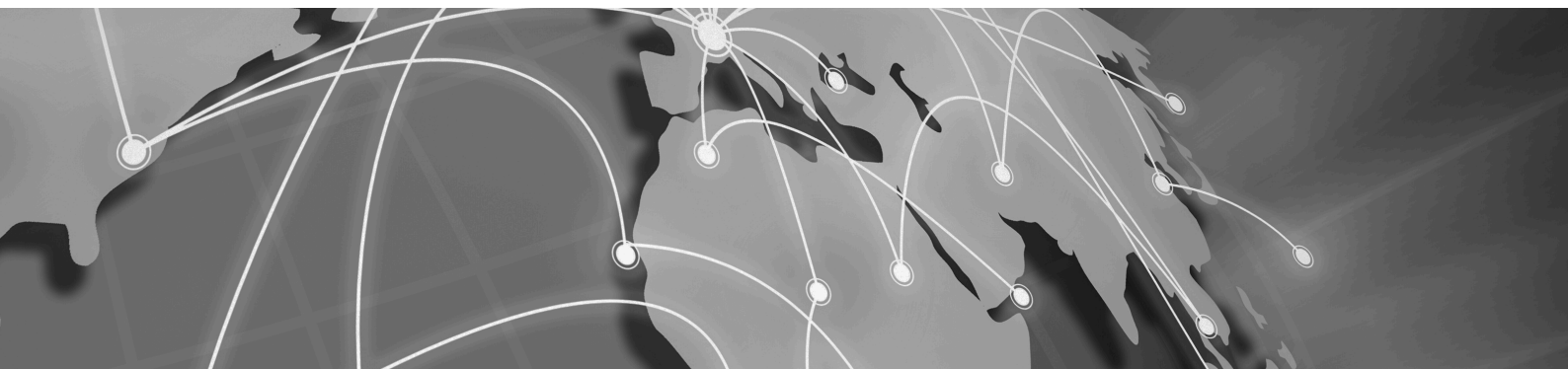
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 945207

We care about your patient



CORDIAL is a European project, in which clinical studies with PD patients will be performed in order to validate the clinical safety and performance of the Weakid device.

Together with patients and clinical personnel, we will explore and evaluate how to make the system available to patients.



CORDIAL is a cooperation of nephrology departments from three European hospitals: UMC Utrecht (NL), UNIMORE (IT) and SERMAS (ES); and two companies: Nanodialysis (NL) and PPI Healthcare Consulting (UK).



UMC Utrecht



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA



IdiPAZ
Instituto de Investigación
Hospital Universitario La Paz



March, 2025

