



An update on The Affordable Dialysis Project



The George Institute
for Global Health

What is the medical need?

There are 2.5 million people with kidney failure in the world – either on dialysis or living with a kidney transplant. But up to 7 million people die each year because they cannot afford these life-saving treatments. They need a radically new, simple and affordable dialysis system.

How does it work?

Our system uses peritoneal dialysis (PD), the cheapest form of dialysis. Our machines can sterilise water in places where the electricity supply is unreliable and the water supply may be contaminated. They use a standard solar panel, heating local water to make steam to sterilise fluid to fill PD bags. They can fit in a small suitcase and their running costs are only a few dollars a day.

A new Entrepreneur-in-Residence

Designer Vincent Garvey has joined George Health Enterprises as a consultant. He is now our very own 'entrepreneur in residence' based at our Sydney headquarters. Vincent, a retired engineer, won last year's Affordable Dialysis Prize machine and is the CEO of ***Ellen Medical Devices***, the company founded by the George to build and market the Affordable Dialysis System.

The ide group – making it happen

Ellen Medical Devices has engaged the specialised biomedical engineering firm, the ide group in Sydney, to build the first working prototype of the affordable dialysis machine currently expected to be up and running before the end of the year.

The Eureka Prize

We were 2017 finalists for Australia's leading award for innovation in medical research, the Eureka Prize. "We are so proud to be nominated, it's a recognition that our new dialysis system has the potential to save millions of lives," said Professor John Knight, Professorial Fellow at the George Institute and Medical Director of Ellen Medical Devices.

A big thank you to our supporters and donors

Building and testing a prototype is an expensive venture. Without our visionary supporters, this machine would not be possible. So, warm thanks to everyone who believes in us! We simply couldn't do it without you. And if you'd like to help, talk to us – or visit our [web page](#) and hit that donate button!

Contact:

To find out more about the Affordable Dialysis Project or The George Institute for Global Health, please contact:

Julia Timms +61 410 411 983 jtimms@georgeinstitute.org.au

www.georgeinstitute.org

The George Institute For Global Health:

We're improving the lives of millions of people worldwide through innovative health research. Working across a broad health landscape, the Institute conducts clinical, population and health system research aimed at changing health practice and policy worldwide.

 @georgeinstitute  georgeinstitute