

Cysylltu
Trawsfurfio
Cymell

iCTM

Connect
Transform
Motivate

Innovation

Advanced Digital Physiological Engineering Hub

OBJECTIVES

The Advanced Digital Physiological Engineering Hub (ADPE) is the creation of the iCTM innovation team to address the adoption of novel technologies at pace within Cwm Taf Morgannwg University Health Board and support collaborative working within the wider NHS Wales.

SOLUTIONS

During 2020, COVID brought many individuals together with a common goal of agile working to tackle problems with simple and innovative approaches. 3D printing was brought to the forefront of the COVID crisis with industry and the public combining to tackle issues such as PPE shortages and respiratory innovation. The ADPE hub brings together, and provides a platform for staff, patients, academics and industry partners to engage in an innovative way of working to provide an autonomous and rapid mechanism to respond and enable practical solutions to issues.

BENEFITS

Benefits One

Bringing industry capability to our innovation community has enabled the health-board to rapidly prototype and test ideas, eliminating risk, reducing experimental stages and utilising industry partners

Benefits Two

An increase in collaborative working.

Benefits Three

Provides a resource back to the staff of CTM to enable them to realise their ideas and innovations.



"The creation of the Advanced Digital Physiological Hub has given us the space to think of new innovative ideas in a collaborative setting to improve the services in Cwm Taf Morgannwg University Health Board at large.

Tom Powell



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