

Australia puts focus on advanced 3D personalised medical manufacturing

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University of Melbourne launches Joint Research and Training Centre in partnership with 3MEDiTech

The University of Melbourne, in partnership with 3DMEDiTech, will launch a new Joint Research and Training Centre (JRTC) in medical technologies, funded by a \$3m donation by 3DMEDiTech's investors.

The JRTC in Australia will be established at the 3DMEDiTech personalised medical device manufacturing facility at Fishermans Bend. 3DMEDiTech has committed \$27 million to the expansion of the facility, designed to produce personalised medical devices such as hip, spinal and knee implants at scale.

The investment will fund industrial grade 3D printers capable of high precision production of polymers and metals, automatic digitisation, artificial intelligence (AI) and robotics.

The facility will be one of the world's most advanced 3D personalised medical manufacturing facilities and the only of its kind in Australia. The expansion, in partnership with the Victorian Government, will establish Australia's pre-eminent MedTech Innovation Centre. It will also involve collaboration with St Vincent's Aikenhead Centre for Medical Discovery (ACMD), leveraging their leadership in surgical research.

The end-use products will improve patient outcomes and reduce Australia's reliance on imported personalised medical devices.

Image caption- From left: Professor Duncan Maskell, Vice Chancellor University of Melbourne; the Hon. Jaala Pulford, Minister for Innovation, Medical Research and the Digital Economy; Mr Paul Docherty, Founder and Managing Director of 3DMEDiTech; Professor Peter Lee, Director, ARC Training Centre for Medical Implant Technologies. Picture: Supplied to University of Melbourne.