Media Release

Mr Danny Pearson MP
Minister for Economic Growth and Jobs
Minister for Finance

VICTORIA
State
Government

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NEWEST SUPERCOMPUTER TO DELIVER MEDICAL MIRACLES

The first artificial intelligence (AI) supercomputer of its kind in Australia has booted up in Melbourne, which will use the most advanced technology to deliver new medical breakthroughs, thanks to support from the Allan Labor Government.

Minister for Economic Growth and Jobs Danny Pearson visited NEXTDC's Melbourne Data Centre in Tullamarine to see the Australian Centre for Artificial Intelligence in Medical Innovation's (ACAMI) new NVIDIA DGX H200 supercomputer – backed by $10 million from the Labor Government.

The first of its kind in Australia, the supercomputer will use AI to accelerate research into clinical trials and treatments to improve health outcomes for patients.

The supercomputer will have the ability to process complex 3D imaging and analyse huge amounts of health data in just hours, making it faster and easier to improve diagnoses.

The supercomputer will help accelerate innovations that span from precision oncology and immunotherapy to cardiovascular risk prediction, digital pathology and breast and colorectal cancer relapse-risk prediction.

The launch of the supercomputer is a major milestone for ACAMI, based at Latrobe University and bringing together world-leading experts in AI and medical research to change the way we diagnose and treat cancer, infectious and cardiovascular diseases.

The supercomputer will position Victoria as a leader for AI in medical innovation and provide important training for Australian scientists, clinicians and data experts.

The Labor Government is also supporting Victoria's medical research institutes with more than $24 million invested in the *Victorian Budget 2025/26* so they can continue generating lifesaving treatments and supporting jobs.

The Labor Government's investment of more than $1 billion in health and medical research over the past decade continues to drive growth, create jobs and support incredible breakthroughs in treatment and care.

Health technologies and medical research are identified as top priority areas in the Economic Growth Statement.

Quotes attributable to Minister for Economic Growth and Jobs Danny Pearson

"Victoria is proud to be home to this supercomputer that will deliver more medical breakthroughs and improve the healthcare for Victorians and people around the world."

"There are now three world-leading centres of medical research – Boston, London and Victoria – and this groundbreaking technology will support our world-leading researchers to accelerate medical innovations in the state."

Quote attributable to Minister for Health Mary-Anne Thomas

"Victoria is at the global forefront of health and medical research - I look forward to seeing how this medical supercomputer will make a difference the lives of people around the world."

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Quote attributable to Member for Sunbury Josh Bull

 "It is amazing to have this AI supercomputer here supporting medical breakthroughs for our local community and hospitals and people around the world."

Quotes attributable to La Trobe Vice-Chancellor Professor Theo Farrell

"The potential of AI in medical and biotech research is huge. The DGX H200 enables faster translation of research into clinical trials and personalised therapies."