



Aikenhead Centre for Medical Discovery (ACMD) Main Works

Kane Constructions has successfully delivered the new Aikenhead Centre for Medical Discovery (ACMD) at St Vincent's Hospital Melbourne in Fitzroy.

The ACMD is Australia's first collaborative biomedical engineering research centre located on a hospital campus.

Works commenced in 2021 with an Early Works stage involving extensive site preparation and demolition of the existing Aikenhead Wing.

The completed 11-storey centre features a light-filled full-height atrium, education centre, multi-level lecture theatre, exhibition space, ground-floor café, multiple seminar and tutorial rooms, and a variety of specialised laboratories.

These facilities include 3D printing laboratories, a human kinetics lab, a clinical simulation lab, insulated rooms that enable the development of sensitive hearing and vision technologies, and engineering workshops to produce medical device prototypes and robotics to support fast-tracked clinical trials.

The south and west-facing facades of the ACMD building are composed of glass and metal panels that reference crystalline structures associated with ACMD biomedical research.

The project reached Practical Completion in July 2025.

Kane Constructions Pty Ltd
kane.com.au

Client

St Vincent's Hospital Melbourne

Consultants

Johnstaff
Denton Corker Marshall
MBMpl
Arup
LCI Consultants

Location

Victoria

Value

\$135M

Awards

2026 Master Builders Association of Victoria
Excellence in Construction of Commercial Buildings
Over \$100M
2026 Australian Institute of Building Victorian
Professional Excellence, High Commendation,
Commercial Construction \$60m+ | Jamie Rigg