

Cortellucci Vaughan Hospital



Americas

Health

The Cortellucci Vaughan Hospital provides the necessary expansion and realignment of services that will enable Mackenzie Health to meet the care needs of the southwest York region.

In particular, it addresses the unprecedented rate of growth in the Vaughan community and will accommodate the demand for health care services, evolving clinical practice and new technology and equipment.

Project Facts

Location Vaughan, Ontario, Canada	Client Mackenzie Health	Value (NPV) C\$1.004 billion
Consortium Plenary Health	Plenary Americas' role Financial advisor Major equity investor	Builder PCL Constructors Canada
Architect Stantec	Services Johnson Controls Canada	Financial close date October 2016
Completion date August 2020	Contract terms 34 years, DBFM	Project website mackenziehealth.ca

Located on a greenfield site on Major Mackenzie Drive between Jane Street and Highway 400, the new facility provides Southwest York Region with a comprehensive range of expanded and enhanced acute care services.

The new 1.2 million-square-foot health care centre, which also features over 1800 above grade parking spaces, opened for patient care in early 2021.



Design features

The design consists of an 11-storey tower with a 5-storey podium. In addition, there is a lower level for a total of approximately 1.2 million square feet (including the Central Utility Plant and Mechanical & Electrical floor), a portion of which will be built as shelled space to accommodate capacity for flexibility and future growth.



The new facility consists of 367 beds and is the first hospital in Canada to feature fully integrated “smart” technology. This technology features systems and medical devices that can speak directly to one another to maximize information exchange.

The new Cortellucci Vaughan Hospital is LEED® Canada-NC 2009 Silver certified and includes the following features:

- A state-of-the-art emergency department
- Modern surgical services and operating rooms

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- Advanced diagnostic imaging
 - Specialized ambulatory clinics and intensive care beds
 - Medicine, Birthing (Obstetrics), Pediatrics, Mental Health and the York Region District Stroke Centre
 - Approximately 90 per cent single occupancy acute-care patient rooms for infection prevention and control.

Innovations

Unique to this project was the inclusion of a separately procured contract for managed ICAT services infrastructure. Plenary Health entered into an additional agreement with the Cortellucci Vaughan Hospital selected provider, Compugen Inc., for the delivery of certain IT scope.

This unique delivery approach ensures increased flexibility for Mackenzie Health in serving their short and long term IT needs.

Local economic impacts

The project will provide substantial economic support to the local community through job creation. Approximately 600 workers were on site at the peak of construction.