

Phase 1 Clinical Trials Research Unit

Vancouver Coastal Health

The Phase 1 Clinical Trials Research Unit (P1-CTRU) at UBC Hospital is British Columbia's dedicated, hospital-integrated facility for first-in-human and early-phase clinical trials. The unit combines specialized clinical oversight, advanced patient monitoring and coordinated research infrastructure to support the safe delivery of complex investigational therapies and medical devices.

Enabling complex early-phase research

The Phase 1 Clinical Trials Research Unit (P1-CTRU) is a specialized clinical trials unit embedded in a British Columbia hospital, supporting patients with a wide range of medical conditions through early-phase clinical trials. The unit is designed to accommodate studies requiring inpatient care, intensive monitoring, infusions and specialized procedures, with direct access to the clinical expertise and services of an academic hospital.



Built for precision trial delivery

P1-CTRU is designed to support investigational therapies requiring intensive monitoring, complex treatment delivery and multidisciplinary coordination. Standardized workflows, integrated electronic systems and clinical research teams support protocol adherence, operational consistency and high-quality data collection.

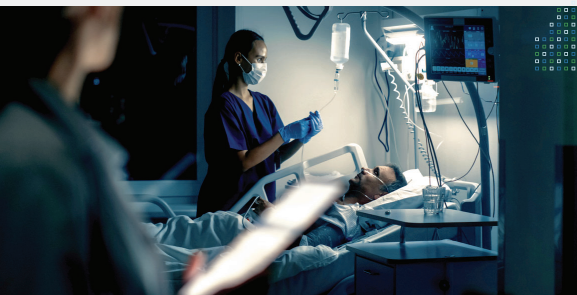


Unit Features

- + Purpose-built early-phase clinical trial infrastructure
- + Four inpatient bed spaces and capacity for up to six infusion chairs
- + State-of-the-art cardiac monitoring
- + Research-trained nursing, laboratory and pharmacy teams

Operational Capabilities

- + High-acuity nursing support with continuous clinical assessment and monitoring
- + Overnight and multi-day study capability
- + Integrated laboratory, imaging and diagnostic services
- + Protocol-aligned PK/PD sampling and specimen handling
- + Coordinated multidisciplinary care and research support



Advancing clinical research at VCH

P1-CTRU extends Vancouver Coastal Health's clinical research ecosystem by providing dedicated infrastructure for early-phase and first-in-human studies. Embedded within an academic health system and connected to UBC's research and innovation environment, the unit supports high-quality trial delivery across a broad range of investigational therapies and technologies.

Medical management model

P1-CTRU is supported by a dedicated multidisciplinary clinical team designed to provide the level of medical oversight and specialized care required for complex early-phase trials. The model brings together physician leadership, bedside medical coverage and specialized clinical and research staffing expertise to support protocol delivery, participant safety and timely decision-making throughout the study.

P1-CTRU team includes:

- + Physician providing medical oversight
- + Clinical nurse specialist (CNS) leading protocol integration
- + Research-trained critical care and high-acuity registered nurses
- + Dedicated medical laboratory technologist
- + Dedicated clinical trials pharmacist

P1-CTRU: A hospital-integrated model for early-phase research



Access to a wide, integrated network of leading investigators



Quality services grounded in operational excellence, safety and regulatory compliance



Collaboration within an established and expanding ecosystem integrated across research and clinical operations



Growth opportunities to help strengthen provincial clinical trial capacity

Partner with P1-CTRU P1-CTRU provides a scalable, hospital-integrated model for early-phase clinical research in British Columbia, designed to enhance patient safety, align with best practices, strengthen operational consistency and support efficient delivery of complex investigational studies within a hospital-integrated research environment.