

Types of Studies and Expertise

Phase I - IV

- Experience conducting all phases of regulatory-driven clinical trials

Metabolism

- One of 2 whole body calorimetry units in Canada

Nutrition

- Licensed nutritionists
- Controlled feeding studies

Integrated Research

- Biomedical, nutritional and physical activity interactions

Mechanistic Studies

- PK/PD
- Bioavailability
- Bioequivalence
- Electrocardiography

Therapeutic Areas of Excellence

- Pediatrics
- Cardiology
- Hematology
- Nutrition
- Metabolism
- Immunology
- Endocrinology
- Surgery/transplants
- Bariatric surgery, obesity

Clinical Research Unit

For further information on the Clinical Research Unit at ADI contact:

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Leading the world in the prevention, treatment and cure of diabetes.

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www.adi.ualberta.ca/en/ClinicalResearchUnit.aspx

Convenience.

The ADI's **Clinical Research Unit** is located in the Li Ka Shing Centre for Health Research Innovation on the University of Alberta (U of A) campus. The Centre is connected to the University of Alberta Hospital for easy clinician access and biospecimen delivery to processing labs. Ample parking is available for study subjects.



Experience and Breadth.

- The U of A and Alberta Health Services combine to form one of Canada's largest integrated academic health regions for conducting efficient clinical research
- The CRU can accommodate a wide variety of regulatory-driven phase I - IV trials as well as nutritional, metabolic and body composition studies
- LeeAnn Langkaas, manager of the CRU, has over 15 years coordinating medical trials and managing clinical research facilities
- As part of the U of A Faculty of Medicine, the CRU works with research clinicians and investigators from numerous backgrounds.



Great Facility.

The **Clinical Research Unit** at ADI is a unique, multidisciplinary facility that allows traditional bio-medical intervention studies as well as nutritional research and metabolic and body composition analyses.

General Access

- Parking adjacent to building
- Wheelchair ramp access
- Connected to the U of A Hospital

Patient Exams

- Day-ward with 3 beds
- 5 private clinical exam rooms

Sample Processing

- Immediate delivery of biospecimens for processing or offsite shipping
- Clinical Trials Laboratory fully accredited with the College of American Pathologists

Pharmacy/Services

- Temperature-controlled storage units for drugs that are monitored and alarmed
- Secured access

Metabolism/Body Composition/Bone Density

- Whole body calorimetry unit
- Air-displacement plethysmography (BodPod)
- Dual Energy X-ray absorptiometry

Nutritional Research

- Fully equipped food preparation and dining areas for controlled feeding studies
- Nutritionists and dietary assessment



Efficiency.

Study Initiation - The **Clinical Research Unit** operates seamlessly with Alberta Health Services and the U of A to quickly establish contracts, ethics approvals and subject recruitment to get your trial started sooner.

Patient Populations - The CRU is continuing to expand its patient database to include subjects with a wide variety of conditions to lessen delays in subject recruitment.

Flexibility - Research groups can utilize the CRU to conduct studies themselves or take advantage of the in-house expertise for initiating and conducting clinical research studies.



Safety and Compliance.

Proximity to the U of A hospital and the CRU's own experienced staff ensure quick response to any adverse events during trials. Staff are experts in all aspects of regulatory compliance, sample handling and data collection.

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