



CCCTG

Canadian Critical Care Trials Group

Collaborating for Impact

Leading Science, Saving Lives

Each year, more than 150,000 Canadians are admitted to an intensive care unit (ICU) with a life-threatening condition such as severe traumatic injury, sepsis or acute lung injury, and this number will only increase in the coming years. The critical care that these patients receive is effective. However, critical care is also expensive, accounting for \$6 billion (16% of total hospital expenditures) in Canada or 0.5% of GDP (data from 2004).

The Canadian Critical Care Trials Group (CCCTG) is an open membership group, inclusive of all health care professionals - physicians and health scientists, nurses, pharmacists and physiotherapists who care for both critically ill adults and children. Collectively, we promote and assist in the implementation of investigator-initiated, patient-oriented, multicentre research.

The CCCTG is...

- 25 years of research excellence and collaboration
- 350 health professionals
- 60 intensive care units
- 6 provinces
- >50 ongoing initiatives
- >140 publications, 15 in the New England Journal of Medicine
- >\$60 millions in grants

How many lives saved?

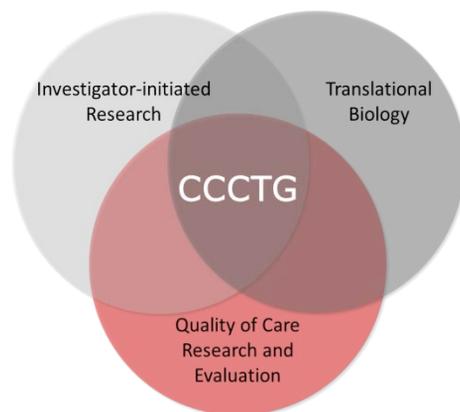
Our Vision

Together, advancing the care of our sickest patients through excellent research.

"Nurturing the care of our sickest patients, one person, one idea, one study at a time."

Our Values

All of our initiatives are underpinned by common values of **excellence, patient-centered focus, integrity, innovation and collaboration.**



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Our Approach

The success of our research is built on the following principles:

- We answer questions to common problems in the daily critical care practice;
- We describe and evaluate current practice;
- We conduct preliminary studies to assess feasibility;
- We then conduct large clinical trials;
- Finally, we translate and integrate results into practice.

Our Research and Platforms

We are engaged in more than 50 major clinical research programs within six priority areas for strategic research themes.

Our research is supported by National Core Data Platforms. This core will provide critical infrastructure and operational support for all projects and teams for effective implementation of national studies in critical care. The core will include quality of care databases, performance metrics and common documentation essential for a productive research enterprise (e.g. SOP, common forms and agreements).

Our Plan Forward

Over the next 5 years, we plan to develop an infrastructure to deliver better health care and better health outcomes when the lives of both children and adults hang in the balance. We will achieve this by:

- Building relationships including with patients and decision makers;
- Identifying major needed research and evaluation programs;
- Developing resources to support research and rapid translation of findings into better care;
- Improving the training and mentoring of our colleagues and future colleagues.

Changing practice – Stopping the clot!

A new, safer and more efficient blood thinner is now recommended in many guidelines and protocols around the world.

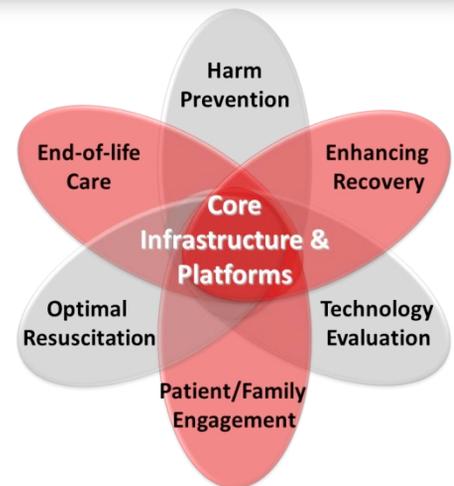
The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

Dalteparin versus Unfractionated Heparin in Critically Ill Patients

The PROTECT Investigators for the Canadian Critical Care Trials Group and the Australian and New Zealand Intensive Care Society Clinical Trials Group

N Engl J Med 364;14 april 7, 2011



Our Funders are...



Our Partners are...



Our Collaborators are...

