



Canadian Critical Care Society

THE VOICE OF CRITICAL CARE

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March 18, 2019

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Project Scheme Application - The Optimal Brain Oxygenation in NICU Patients Study
(NeurO₂ Study)

DIRECTORS

Dear Committee Members:

Dominique Piquette

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James Downar

Frederick D'Aragon

Bram Rochweg

Claudia dos Santos

Srinivas Murthy

I am writing this letter in my capacity as President of the Canadian Critical Care Society (CCCS) in very strong support of Drs. English and Turgeon and colleagues' application for a CIHR Project Scheme Grant.

Both Drs. English and Turgeon are valuable members of the Canadian Critical Care Society. Independently yet collaboratively, they lead innovative and ambitious research programs in subarachnoid hemorrhage and traumatic brain injury respectively, that will not only contribute to the generation of new knowledge, but will change practice at the bedside. Both are career clinician scientists and together have assembled a team with extensive experience in neurocritical care and the research field of acute brain injury. They have strong track records of successful research funded through the CIHR that is widely disseminated.

Their proposal not only leverages the infrastructure of 2 large international CIHR-funded randomized controlled trials currently under their direction, but proposes to double-down on the information generated by work supported by the public dollar. It addresses the important need to better understand the role of neuro-monitoring at the bedside as a tool in guiding patient management. Their proposal is unique and innovative and the example of practice-changing research.

Generally, we see the role of the CCCS to attest to the importance of the work and contribute to knowledge translation. Specifically, for this grant, we will help the team identify and liaise with relevant experts and knowledge users in the Canadian Critical Care community, and work with the team to develop dissemination materials through our Knowledge Translation Committee and Clinical Committee. Indeed, several CCCS members are already engaged in the application.



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The proposed program of research underscores the mission of the CCCS. The CCCS is dedicated to promote research, education and patient care in Critical Care Medicine. We believe that advocacy is an important role for the Society, and we speak vigorously for Critical Care in Canada. The CCCS actively promotes adoption of evidence into practice. We are affiliated with the largest national meeting (Critical Care Canada Forum), and we have an active web and social media presence. Ultimately, we will also incorporate key principles into various national education initiatives, including training objectives for the Royal College, continuing medical education activities and review courses for our trainees. We will use these resources with the research team to provide input, feedback and support as the research evolves.

In summary, we believe that this program of research is of the highest possible impact for our patients, their families and Canadian Critical Care community, and that Drs. English and Turgeon have a proven research record and are unequivocally capable of success.

Sincerely,

Dr. Bojan Paunovic, MD, FRCPC
President, Canadian Critical Care Society

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