



Jacqueline S. Hebert, MD, FRCP(C)

- Associate Professor, Faculty of Medicine & Dentistry, Department of Medicine, Division of Physical Medicine & Rehabilitation, University of Alberta
- Medical Lead, Adult Amputation Rehabilitation, Glenrose Rehabilitation Hospital
- Research Affiliate, Glenrose Rehabilitation Hospital

Dr. Hebert is an Associate Professor at the University of Alberta and the Medical Lead for the Adult Amputation Rehabilitation program at the Glenrose Rehabilitation Hospital in Edmonton, Alberta, Canada.

As a clinical investigator, her research goal is to facilitate the implementation of rehabilitation technology to maximize function and quality of life after amputation, and to create a sound evidence base to assist with clinical decision making. Dr. Hebert instituted the first team in Canada performing the Targeted Reinnervation (TR) procedure for upper limb amputation, which has been performed in Edmonton since 2008 with a coordinated interdisciplinary team. Her research team studies advanced motor control and sensory feedback systems for upper limb myoelectric devices in the "[Bionic Limbs for Improved Natural Control \(BLINC\) Lab](#)."

Her innovative leading-edge techniques for treatment and outcome assessment drive both her research and clinical programs. She has been recognized for her efforts with the *Major Sir Frederick Banting Award for Military Health Research*, [Canadian Institute for Military and Veterans Health Research \(CIMVHR\)](#) in 2012, and a 2017 University of Alberta Excellence in Leadership Award recognizing her ability to lead an effective interdisciplinary research team.

Inspiration/Vision Statement:

Improving the function and quality of life of those with limb loss through innovative technology and treatment.

Clinical Implications of Research:

Dr. Hebert has introduced new programs of clinical care for those with limb loss including targeted reinnervation after upper limb amputation and lower limb osseointegration.

Web Presence

- [Research Publications](#)
- [GRH Courage in Motion \(CIM\) Centre](#)
- [Bionic Limbs for Improved Natural Control \(BLINC\) Lab](#)

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