



Epidemiology, Biostatistics & Occupational Health

EPIDEMIOLOGY SEMINAR SERIES

Winter 2014

****THE DEPARTMENT OF EPIDEMIOLOGY, BIOSTATISTICS AND OCCUPATIONAL HEALTH, - SEMINAR SERIES IS A SELF-APPROVED GROUP LEARNING ACTIVITY (SECTION 1) AS DEFINED BY THE MAINTENANCE OF CERTIFICATION PROGRAM OF THE ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA****

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Anti-epileptic drugs and the risk of cardio- and cerebrovascular events

**Monday, 27 January 2014
4:00 pm - 5:00 pm - Purvis Hall,
1020 Pine Ave. West, Room 25**

ALL ARE WELCOME

SYNOPSIS:

Anti-epileptic drugs (AED) are frequently used in the general population in various indications such as epilepsy, neuropathic pain or migraine. Previous studies indicate that enzyme-inducing AED increase serum lipids and lipoproteins levels via the induction of cytochrome P450. The use of enzyme-inducing AED may therefore increase the risk of cardio- and cerebrovascular events. Throughout this seminar, I will review findings from previous studies. Furthermore, I will present and discuss methodological issues and results from my current research on this subject.

OBJECTIVES:

- 1)** to describe the current knowledge regarding the risk of vascular events associated with anti-epileptic drugs
- 2)** to discuss methodological issues faced in this context
- 3)** to present findings of a population-based cohort study assessing the risk of vascular events associated with Various anti-epileptic drugs

BIO:

Dr. Christel Renoux is an Assistant Professor in the Department of Neurology at McGill University and an Investigator at the Centre for Clinical Epidemiology at the Jewish General Hospital-Lady Davis Institute for Medical Research. A practicing neurologist from Lyon, France with expertise in multiple sclerosis and stroke; she also trained in epidemiology, including an MSc in Epidemiology from McGill University, a PhD in Neurosciences (option epidemiology) from Lyon 1

University, France and a postdoctoral fellowship with Dr. Suissa in the Department of Epidemiology at McGill University. Her research focuses on neuroepidemiology and pharmacoepidemiology mainly in stroke, multiple sclerosis and Parkinson's disease. She is a principal investigator or co-investigator on grants from the Canadian Institutes of Health Research (CIHR), and holds a chercheur-boursier junior 1 salary award from the Fonds de Recherche du Québec- Santé (FRQS).