



- February 4, 2020:**                      **Title:**                      "Biosimilars: No Double Talk Here"  
**Presenter:**                      Dr. Bruce Colwell  
(Division of Medical Oncology)
- February 11, 2020:**                      **Title:**                      "Dealing with DisAbility: Rehabilitation Principles for  
Mobility Limitations in Multiple Sclerosis"  
**Presenter:**                      Dr. Suzanne Salsman  
(Division of Physical Medicine & Rehabilitation)
- February 18, 2020:**                      **Title:**                      "Simulation-Based Medical Education: Useful Tool or Just  
Another Gadget?"  
**Presenter:**                      Irene Ma, MD, PhD, FRCPC, FACP, RDMS, RDCS; Associate  
Professor; John A. Buchanan Chair; Cumming School of Medicine;  
University of Calgary  
(Education Rounds)
- February 25, 2020:**                      **Title:**                      "Cellular Senescence and the Diseases of Ageing"  
**Presenter:**                      James L. Kirkland, MD, PhD, FRCPC; Noaber Foundation Professor of  
Aging Research; Director of the Robert & Arlene Kogod Center on  
Aging; Mayo Clinic, Rochester MN  
(Division of Geriatric Medicine)

Grand Rounds are 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

Grand Rounds are available in person at the Halifax Infirmary, and via Telehealth. Please contact [Heather.Fraser@nshealth.ca](mailto:Heather.Fraser@nshealth.ca) if any questions.

## **ROUNDS OBJECTIVES**

### **February 4**

Dr. Bruce Colwell

*Biosimilars: No Double Talk Here*

Objectives:

- Define Biological and Biosimilar medications.
- Describe how these medications are comparable but have inherent variability.
- Understand the regulatory approval process for these drugs.
- Understand what and how extrapolation works for these drugs.
- Describe the implications in your clinical practice for terms such as: switching, extrapolation, and pharmacovigilance.

### **February 11**

Dr. Suzanne Salsman

*Dealing with DisAbility: Rehabilitation Principles for Mobility Limitations in Multiple Sclerosis*

Objectives:

At the end of the session, participants should be able to:

- Identify the principal pathological gait patterns in multiple sclerosis.
- List the available targeted rehabilitation interventions.
- Match the mobility limitation with rehabilitation intervention to establish candidacy for management.

### **February 18**

Dr. Irene Ma

*Simulation-Based Medical Education: Useful Tool or Just Another Gadget?*

Objectives:

By the end of the presentation, the attendee will be able to:

- List at least 4 types of simulation-based medical education.
- Articulate the theoretical underpinning of simulation-based medical education.
- Cite the evidence behind simulation-based education.
- Recognize the role of theory in optimizing simulation-based education.

### **February 25**

Dr. James L. Kirkland

*Cellular Senescence and the Diseases of Ageing*

Objectives:

- To review the links between the diseases of ageing, and of ageing itself.
- To introduce the concept of cellular senescence and the senescence associated secretory phenotype.
- To explore recent developments in human trials of senolytic drugs and some diseases of ageing.