

# Clinical Reasoning Course

---

## Course Overview

Clinical reasoning is a core competency for ensuring patient safety and the quality of patient care. It is a skill, process, or outcome wherein physicians observe, collect, and interpret data to diagnose and treat patients. Problems flagged during “Physician Practice Reviews”, such as missed diagnoses and suboptimal documentation, frequently reveal gaps in clinical reasoning. This course aims to explicitly remind and refresh physicians of the foundational elements that support clinical reasoning. Participants will learn steps and tools that lead to a better clinical process and improved practice.

## Course Objectives

Upon completion of the course, participants will be equipped to:

- Recognize the foundational elements supporting clinical reasoning
- Access your own mental pathways for clinical processes and reasoning
- Apply tools to self-evaluate and improve clinical reasoning

## Accreditation

### CFPC

This activity meets the certification criteria of the College of Family Physicians of Canada and has been certified by the University of Calgary Office of Continuing Medical Education and Professional Development for up to 2.25 Mainpro+® Certified Activity credits and up to 8.75 Mainpro+® Certified Assessment Activity credits.

### RCPSC

This activity is an Accredited Self-Assessment Program (Section 3) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by the University of Calgary Office of Continuing Medical Education & Professional Development. Participants may claim a maximum of 11 hours.



**UNIVERSITY OF CALGARY**  
CUMMING SCHOOL OF MEDICINE  
Continuing Medical Education  
and Professional Development

# Clinical Reasoning Course

## Course Program

All the steps are **REQUIRED** for course completion:

### Pre-Workshop Activity (5 hrs, 30 min)

- Pre-Course Tests
- Setting the Stage
- Opening Scenario
- Elements of Clinical Reasoning
- Foundations of Clinical Reasoning
- Keeping Up-to-date and Utilizing Just-in-time Resources
- Case Studies 1, 2, 3, and 4

### Online Workshop (1 hr, 30 min)

### Post-Workshop Activity (1 hr, 50 min)

- Commitment to Change Step 2:
- Case Studies 5, 6, 7
- Case Studies 8 and 9

### Online Webinar (1 hr)

### Post-Webinar Activity (1 hr, 10 min)

- Case Study 10
- Awareness Survey
- Reflective Activity
- Course Evaluation

## Registration

This course is offered **ONLINE** multiple times per year.

Following confirmation of your registration, you will receive instructions on how to access the online pre-workshop activity.

Course fee: \$899 +GST

## Planning Committee and Faculty

Heather Armson MD MCE CCFP FCFP (Chair)

Nigel Flook MD CCFP (COE) FCFP

David Ross MD CCFP

Efrem Violato MSc PhD

Maria Bacchus MD MSc FRCPC

Sharon Fehr MD CCFP

Samuel Lou MD CCFP

Hamid Adib Azad MD CCFP FCFP

Brenda Pederson BBS (CME&PD Representative)

Send questions or concerns to  
Brenda Pederson, Physician  
Services Coordinator, Office of  
CME&PD at  
[brenda.pederson@ucalgary.ca](mailto:brenda.pederson@ucalgary.ca)

This course was developed by the the University of Calgary CME&PD, and co-developed by the College of Physicians and Surgeons of Alberta and was planned to achieve scientific integrity, objectivity, and balance.



**UNIVERSITY OF CALGARY**  
CUMMING SCHOOL OF MEDICINE  
Continuing Medical Education  
and Professional Development