



## CAME-ACEM Voice/Voix

### **A Massive Open Online Course (MOOC) to discover the full complexity of the clinical reasoning process.**

The term “MOOC” was first introduced to refer to a course developed at University of Manitoba in 2008 by Siemens and Downes. MOOCs are Massive Open Online Courses aimed at providing to an indefinite number of participants online courses for free(1). Since 2008, a number of Institutions have developed MOOCs on a variety of contents. In a context of limited resources, MOOCs are a promising venue to make University level courses available to people who would not have otherwise access to them.

In 2014, the Faculty of Medicine at Université de Montréal developed a MOOC, based on a comprehensive model of the clinical reasoning process published in 2012(2). This MOOC will offer students, residents and health professionals the opportunity to gain a full understanding of the model enabling them to use it for learning, teaching, assessment and curriculum development. In the introductory module, through concrete real clinical situations, participants will discover how five health professionals (pharmacist, dentist, veterinarian, nurse, medical doctor) apply the clinical reasoning process to solve clinical cases within their specific field of practice. Gradually, subsequent modules become more abstract until the participants are able to come to grasp the theoretical model. Short interviews with clinical reasoning experts will further develop some of the fundamental knowledge about clinical reasoning. Finally, a forum, will allow participants to engage in further discussions between themselves, with the course facilitator and with a clinical reasoning expert.

We believe that by its original content, this MOOC will contribute to enriching the growing field of MOOCs. Moreover, its pedagogical structure will also allow its content to be integrated within “traditional programs” as small private online classes (SPOCs) or as additional teaching material in a particular course.

The Clinical Reasoning process MOOC will be available in October 2015 (French version) at <https://cours.edulib.org/courses>. An English version is planned for 2016.

You can find the revised 2015 bilingual comprehensive model of clinical reasoning process at: <http://www.edugenie.com/prc2015/>

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