



The O'Brien Institute for Public Health &
the Department of Community Health Sciences present:

Towards Better Surgical Outcomes through Improved Decision Making about Appropriateness for Total Knee Arthroplasty in Patients with Knee Osteoarthritis

Speaker: Deborah Marshall

**Friday, April 27, 2018 - 12:00 to 12:50 p.m.
G500 - Health Sciences Centre, 3330 Hospital Dr NW**

This presentation will describe constructs for measuring appropriateness in total knee arthroplasty (TKA) surgery and our prospective cohort study "Best Evidence for Surgical Treatment for Total Knee Arthroplasty" (BEST-Knee) to assess the predictive validity of these appropriateness constructs evaluated prior to TKA for improvement in outcomes in patients with knee osteoarthritis. We are also evaluating a patient decision aid for TKA, which uses individualised patient reported outcome measures (PROMs), in a randomised controlled trial.

Dr. Deborah Marshall is a Professor in the Cumming School of Medicine, Canada Research Chair in Health Systems and Services Research and the Arthur JE Child Chair in Rheumatology Outcomes Research. She is a member of the O'Brien Institute for Public Health and a co-leader of the O'Brien Health Economics and Health Technology Assessment Group. As a health services researcher and health economist, her research assesses the value of health care interventions through measurement of patient preferences, cost-effectiveness analysis, and simulation modeling of health care delivery.

Objectives:

1. To identify constructs of appropriateness for TKA in patients with knee Osteoarthritis
2. To describe the relationship between appropriateness constructs and surgeon Recommendations for TKA in patients with knee Osteoarthritis as reported from the cohort study 'Best Evidence for Surgical Treatment for Total Knee Arthroplasty'
3. To describe how a decision aid can be used to providing experiences from similar individuals to help set realistic expectations in patients with knee osteoarthritis who are potential candidates for TKA

This event 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. This seminar is also available via an online

AdobeConnect session: To attend the seminar from another location via your computer, click on this link:

<https://connectmeeting.ucalgary.ca/oiph-apr27-18/>

Enter as a guest. You may join the session at any time. It is advisable to test your audio before the seminar starts. The AdobeConnect session will be archived and accessible for later viewing at:

<https://www.obrieniph.ucalgary.ca/events/chsobrien-institute-seminar-series>