This will be the first time this renowned research course will be offered in Africa. The course focuses on the principles of clinical research, study design, practical aspects of clinical trials, health statistics, and disseminating clinical research. We strongly believe that this program will provide participants with a comprehensive foundation in the present state of health research methodology by covering evidence based-medicine principles, levels of evidence, research ethics, funding opportunities, as well as data management and budgeting.

In addition to the official program, this course offers excellent opportunities to meet international experts in the field and establish relationships with other colleagues.

Course Director
Mohit Bhandari
MD, PhD, FRCSC
Head, Division of Orthopaedic Surgery
McMaster University
Hamilton, Ontario

Most regard Dr. Bhandari as the foremost authority in the translation of Orthopaedic research to clinical practice (evidence-based orthopaedics). Over the past 5 years, Dr. Bhandari has published hundreds of peer-reviewed papers across top medical and Orthopaedic journals including New England Journal of Medicine, JAMA, BMJ, CMAJ, and the Journal of Bone and Joint Surgery-American. He was recently listed among the top 10 cited orthopaedic surgeons over the past 20 years. He currently holds funding from the National Institutes of Health and Canadian Institutes of Health, and US Departments of Defence for large multicenter trials of tibial fracture management. To this end, he has received over 25 million dollars in research funding in recent years.

Local Course Chair
Isaac Kajja
M.MED, PhD, FCS(ECSA)
Chair, Department of Orthopaedics
Makerere University
Kampala, Uganda

Dr. Kajja doubles as Senior Lecturer in the Department of Orthopedics and a transfusion medicine specialist at the College of Health Sciences at Makerere University, Kampala, Uganda. He is an orthopedic surgeon with over 15 years of experience in the design, conduct and implementation of clinical research in orthopedics and transfusion medicine in the Ugandan setting. He formally trained in orthopedic surgery and later concentrated on health systems analysis of blood use in a resource constrained settings. He has undertaken clinical research in blood use especially in surgery. This has been disseminated in a number of book chapters and original research articles. He is currently engaged in development and updating of the Uganda National guidelines for clinical use of blood. Dr. Isaac Kajja is the Secretary General of the Africa Society for Blood Transfusion-AfSBT.

CourseTopics
Hierarchy of Evidence
Level V: Opinion: Survey Design and Execution
Level IV: Clinical Case Series
Levels III/II: Studies with a Control Group
Level I: The Randomized Trial: Gold Standard
The Language of Evidence-Based Medicine
Critical Appraisal-Large
How to Limit Bias in the Conduct of Research
Asking Relevant Research Questions
The Design and Execution
Taking Research Question to a Complete Study and Results
Writing a Paper for Publication from Your Data

International Faculty
Brad Petrisor, MD MSc FRCSC
McMaster University
Ross Leighton, MD FRCSC
Dalhousie University
Gerard Slobogean, MD MPH FRCSC
University of Maryland
Herman Johal, MD MPH FRCSC
McMaster University

REGISTRATION
Please contact Moses Kakyama to register:
Email: kakyamam@gmail.com
Phone: 256-392 907 767
Course Fee: $15 USD