An Accredited Group Learning Activity

Routine sterile glove and instrument change at the time of abdominal wound closure to prevent surgical site infection

📅 19 APRIL 2023  🕒 16:00 (CET)/ 10:00 AM (EDT)/ 07:00 AM (PDT)
Background

This event will examine the featured paper to discuss the practice of sterile glove and instrument change at the time of abdominal wound closure as a method for reducing the risk of surgical site infection (SSI), with a focus on implementing this practice in low-income and middle-income settings. SSIs are a well-known complication of abdominal surgery worldwide, with disproportionate impacts on patients in low- and middle-income settings. The evaluation of this paper aims to discuss the findings and whether this intervention demonstrates reasonable evidence for implementation in standard practice within low- and middle-income countries.

Guiding questions

• Given the methodology employed and the settings in which this intervention was undertaken, do you believe this trial’s findings are generalizable (i.e. externally valid)?
• Should the results of this trial prompt a change in practice within low- and middle-income settings?
• What further studies, if any, should be performed prior to instituting a change in practice?
• If undertaken on a wider scale, what challenges do you foresee in the implementation of this intervention?

Event objectives

• Review the evidence supporting the practice of changing gloves and instruments prior to abdominal wound closure.
• Critically appraise an article assessing the impact of glove and instrument change prior to wound closure on the incidence of surgical site infections.
• Discuss strengths and weaknesses of the trial as well as challenges in potential implementation of this intervention.

Learning objectives

After the event, participants will be able to:

• Describe the relationship between glove and instrument change before wound closure and risk of surgical site infection.
• Describe the methodology utilized within this multicentre cluster-randomized and its strengths and limitations.
• Describe potential challenges in implementation of this intervention and any additional studies that would affect the decision to pursue its implementation.

Target audience

Surgeons, OR nurses and staff, infectious disease doctors, health system and OR administrators, and policy makers.

Register here!
**Agenda**

16:00 | Welcome remarks  
Mrs. Nefti Bempong-Ahun  
Project Manager, GSF

16:05 | Introduction of paper  
Dr. Elijah Dixon  
Head of General Surgery, University of Calgary, Canada  
Dr. Carl Brown  
Chair of Colorectal Surgery, University of British Columbia, Canada

16:10 | Panelist 1 discussion  
Dr. Mohit Bhandari  
Professor and Chair, Department of Surgery, McMaster University, Canada

16:20 | Panelist 2 discussion  
Dr. Emilie Joos  
Trauma and Acute Care Surgeon & Program Director, Trauma and Acute Care Surgery Fellowship, University of British Columbia, Canada

16:30 | Panelist 3 discussion  
Dr. Julia Ferreira  
Pediatric Surgeon, Brazil

16:40 | Roundtable discussion and Q&A  
All

16:55 | Summary, final announcements and closing  
Mrs. Nefti Bempong-Ahun