

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

16:10 | 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

16:55 | Summary, final announcements and closing



Mrs. Nefti Bempong-Ahun

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

16:40 | Roundtable discussion and Q&A



All