



Workshop Title:

EMERGENCY AND CRITICAL SERVICES IN LOW- AND MIDDLE-INCOME COUNTRIES-MOVING BEYOND DISEASE PREVENTION

Workshop Date / Time:

June 2, 2024 / 08:00- 12:15 (GMT -5)

Workshop Type:

Virtual Half-Day Workshop

Workshop Organizer

Adnan Bhutta

Workshop Moderator:

Niranjan Kissoon

Workshop Facilitators:

Adnan Bhutta

Teresa Kortz

Junaid Razzak

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Michelle Niescierenko

Matthew Wiens

Asya Agulnik

Qalab Abbas

Adrian Holloway

Tim Baker

Irfan Habib

Lee Wallis

Learning objectives:

- 1- The attendees will be familiarized with the latest research on the epidemiology of pediatric critical illness in LMIC's.
- 2- The attendees will participate in an exercise to develop concrete proposals to enhance the care of critically ill patients in resource constrained settings.

Workshop Objectives:

Significant progress has been made in reducing global childhood mortality rates in the last two decades by focusing on disease prevention. However, pediatric mortality rates remain high in Low- and Middle-Income Countries (LMIC's). Recent research suggests that a substantial number of pediatric deaths in LMIC's occur secondary to acute critical illness and occur within 48 hours of presentation to the hospital. The most common causes of hospital mortality include respiratory conditions, infectious diseases, and gastrointestinal conditions. Many of these hospital deaths are preventable. These studies also suggest that of mortality rates from critical illness were highest in the lowest income countries.



To achieve the goals set forth by the United Nations’ Sustainable Development Goals in reducing preventable childhood mortality, it is imperative that we focus on improving and expanding available pediatric emergency and critical care services in LMIC’s.

However, we recognize that significant barriers exist in achieving this goal. These barriers can include.

1. Shortage of trained human resources
2. Limited availability of medications, equipment, and supplies
3. Missing or inadequate physical infrastructure (adequate ER and ICU space, provision of electricity and water etc.).
4. Lack of Adequate health system financing and pre-hospital, hospital, and post-discharge systems to inform priorities around clinical care and resource allocation.

The primary objective of the workshop is to develop proposals to enhance the availability of appropriate emergency and critical care resources in LMIC’s.