



## Yale Pulmonary Critical Care and Sleep Medicine Grand Rounds

**YaleCME**  
CONTINUING MEDICAL EDUCATION

Presented by

Yale School of Medicine, Department of Internal Medicine, Section of Pulmonary, Critical Care and Sleep Medicine

# How Do We Deliver Oxygen to Help Africa BREATHE? Challenges and Opportunities in the COVID-19 Era and Beyond



## Elisabeth Riviello, MD, MPH

Assistant Professor of Medicine, Harvard Medical School  
Honorary Associate Professor of Emergency Medicine and Critical Care,  
College of Medicine and Health Sciences, University of Rwanda

**Wednesday, December 16, 2020 @ 3-4 pm EST**

*Moderator: Shyoko Honiden, MD*

### REMOTE ATTENDANCE ONLY – NO LOCAL AUDIENCE

PC, Mac, Linux, iOS or Android: <https://zoom.us/j/94544698749>

Telephone: Dial: +1 203 432-9666 or (+1 888 788-0099 or +1 877 853-5247 US Toll-free); Meeting ID: 945 4469 8749

CME credit for live event only.

There is no corporate support for this activity. This course will fulfill the licensure requirement set forth by the State of Connecticut.

### ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

### TARGET AUDIENCE

Attending physicians, house staff/fellows, medical students, nurses, physician assistants.

### NEEDS ASSESSMENT

Understanding best practices for treating critically ill hypoxemic patients in resource poor settings requires research that occurs in the relevant contexts. International studies of respiratory failure have failed to include representation from low income countries, so even baseline epidemiologic data is scarce. This longstanding reality has come clearly into focus with the COVID-19 pandemic, as many individuals and organizations struggle to find ways to improve care for COVID-19 patients in low income countries from an unknown baseline and without context-specific evidence as a guide. We will discuss the data we have on respiratory failure in low income countries, as well as current efforts to address the many gaps in knowledge and practice that exist.

### LEARNING OBJECTIVES

At the conclusion of this talk, individuals will:

1. Understand the importance of context in doing and interpreting critical care research.

2. Describe past and current work on acute hypoxemic respiratory failure in low and middle income countries (LMICs), including epidemiology, oxygen ecosystem development, scale-up of ventilation, and interventions to improve patient outcomes.
3. Develop a research agenda for hypoxemic respiratory failure in LMICs, with a focus on methods, challenges, opportunities, and desired outcomes.

### DESIGNATION STATEMENT

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

### FACULTY DISCLOSURES

Richard Matthay, MD, Course Director – No conflicts of interest  
Elisabeth Riviello, MD, MPH – No conflicts of interest  
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