ANESTHESIOLOGY IS ESSENTIAL TO HEALTHCARE

Kelly McQueen, MD, MPH
Emergency Interventions
- Airway
- Trauma

Critical Care
- Trauma
- Cardiac
- Pediatric

Operative Procedures
- Emergency and

Pain Management
- Child Birth
- Trauma
Patient Populations
Leaders in Patient Safety

Prevention
- Preparation

Best Practice
- Monitoring and Vigilance

Outcomes
- Protocols
Required Elements for Safe Patient Care

- Provider
- Safety Monitors
- Essential Medicines
- Equipment
Anesthesiology Gap in LMICs

- 35 Million Anesthetics/annually without Pulse Oximetry

- Expanding the Workforce
- Available Medications and Blood
  - OXYGEN
- Safety Monitoring
  - Pulse Oximetry
- Equipment

- Rate Limiting Step for access to surgery and patient safety
Mortality rates solely related to anesthesia are 100 to 1,000 times higher in the poorest countries, especially in obstetric and pediatric populations.

(Hansen, Gausi, and Merikebu 2006; Heywood, Wilson, and Sinclair 1989; Kushner and others 2010; McKenzie 1996; Ouro-Bang’na Maman and others 2005; Vasdev and others 2008)