

# Facilitation of Mechanical ventilation in Pediatric Critical Care

พญ.เดือนเพ็ญ ห่อรัตนเรือง

กลุ่มงานวิสัญญีวิทยา

สถาบันสุขภาพเด็กแห่งชาติมหาราชินี

# Outline

- Non-pulmonary treatments for pediatric acute respiratory distress syndrome
- Get to know neuromuscular physiology and neuromuscular blocking agent
- Commonly used neuromuscular blocking agent

# Nonpulmonary Treatments for Pediatric Acute Respiratory Distress Syndrome

Patients with pediatric acute respiratory distress syndrome should receive

- 1) effective targeted sedation to facilitate mechanical ventilation
- 2) neuromuscular blockade, if sedation alone is inadequate to achieve effective mechanical ventilation
- 3) nutrition plan to facilitate their recovery
- 4) goal-directed fluid management
- 5) goal-directed RBC transfusion

Get to know neuromuscular  
physiology and neuromuscular  
blocking agent

# Neuromuscular Junction and Neuromuscular Transmission