Respiratory Therapy

The division of Respiratory Care Services, at The Johns Hopkins Hospital, consists of approximately 80 practitioners that staff 10 intensive care units, two emergency departments, and a vital ECMO program. The division is comprised of three areas, Adult Critical Care, Pediatric/ECMO, and Neonatal respiratory care, managed by a Technical Director, division managers, and various coordinators.

Respiratory Care at Hopkins is among a select few respiratory care services nationwide which are dedicated primarily to serving critical care units. The department has a self directed staff development program for professional and personal advancement. R.T.’s must be licensed in the State of Maryland and Registered within one year of employment.

Respiratory Care Practitioners at Hopkins Service The Following areas:

• Neurovascular Intensive Care Unit
• Medical Intensive Care Unit
• Surgical/Trauma Intensive Care Unit
• Cardiac Surgery Intensive Care Unit
• Coronary Care Unit

Routine Activities Include:

• Assessment and application of therapeutic and diagnostic modalities
• Airway management
• Cardiopulmonary resuscitation
• End Tidal Co2 Monitoring
• Mixed Gas Therapy
• Simple bedside pulmonary function studies
• Mechanical ventilator management
• Basic ECG interpretation
• Patient and clinical assessment
• Nitric Oxide Administration
• High Frequency Ventilation (Adult/Peds/Neo)

Other Services Included:

• Post Anesthesia Care Unit
• Respiratory Care Based ECMO Team
• Anesthetic Gas Monitoring
• CPR and Rapid Response Teams
• Trauma Team
• Independent Lung Ventilation

Clinical Research Activities:

• Nitric Oxide
• Acute Lung Injury/A.R.D.S. Protocol
• Advances in ECMO
• Hospital Acquired Pneumonia prevention