

## The Johns Hopkins Hospital

### Respiratory Therapy

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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:

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- Neurovascular Intensive Care Unit
- Medical Intensive Care Unit
- Surgical/Trauma Intensive Care Unit
- Cardiac Surgery Intensive Care Unit
- Coronary Care Unit
- Medical Progressive Care Unit
- Pediatric Intensive/Intermediate Care Units
- Trauma E.D.
- Neonatal Intensive Care Unit
- Medical Oncology Unit
- Oncology Intensive Care Unit

### Routine Activities Include:

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- 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:

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- 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:

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