

Tower Health Partners®: Spotlight on...

NEUROLOGICAL CRITICAL CARE – THMG

Neurological Critical Care - Tower Health Medical Group

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SERVICE AVAILABILITY

Neurocritical Care is a full capability, 24-7, critical care service admitting to surgical and medical intensive care beds at Reading Hospital.

Hospital to hospital ICU transfers can be initiated by calling **484-628-8000**. 9-1-1 should be activated for all out of hospital emergencies. Non-urgent inquiries can be directed to our office at **484-628-6255**.

PRACTICE FOCUS

Our neuro-intensivists specialize in the intensive care management of critical neurologic patients with diagnoses including but not limited to:

- **Ischemic Stroke**
 - Large Vessel Thrombotic
 - Small Vessel Disease
 - Post-Interventional (IV, IA, and mechanical thrombolysis)
- **Hemorrhagic Stroke:**
 - Intra-parenchymal Hemorrhage
 - Aneurysmal Subarachnoid
 - Epidural hematoma
 - Subdural hematoma
- **Traumatic Brain Injury**
- **Traumatic Spinal Injury**
- **Post-Neurosurgical Patients**
- **Neuromuscular Respiratory Failure**
 - Guillain-Barre Syndrome
 - Myasthenic Crisis
- **Status Epilepticus**
- **Neuro-Infectious Disease**
 - Meningitis
 - Ventriculitis
 - Encephalitis
- **Cerebral Edema & ICP Crisis**
- **Neuro-Oncology**
- **Anoxic encephalopathy**

Our units are equipped to provide interventions such as ICP monitoring utilizing an external ventricular drain (EVD) or inter-parenchymal probe, PbtO2 monitoring, continuous video EEG and targeted temperature management (using surface cooling).

Additionally, our neuro-intensivists provide the full gamut of general medical intensive care, including the management of shock (cardiogenic, septic, & neurologic), acute respiratory failure, renal failure and sepsis.

Procedural competency is maintained for bedside ultrasound, advanced airway management, bronchoscopy, TCD ultrasound, critical care EEG, central venous and arterial catheterization, thoracentesis, and paracentesis.



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