

Conditions We Treat

We provide specialized care for various neurosurgical conditions, including:

- Birth brachial plexus injury
- Brain injury
- Chiari malformations
- Craniosynostosis and other craniofacial disorders
- Epilepsy requiring surgical intervention
- Hydrocephalus
- Spinal dysraphism, including spina bifida and tethered cord

Our team is proficient in diagnosing and treating a wide array of conditions affecting the spinal cord, neck, nerves, and brain.

Common Gillette Procedures

Our neurosurgeons specialize in procedures that help manage complex brain and movement conditions, like:

- Cranial vault remodeling for craniosynostosis
- Deep brain stimulation for complex movement disorders
- Endoscopic third ventriculostomy for hydrocephalus
- Intraoperative monitoring
- Intrathecal baclofen pump implantation to manage spasticity
- Ventral/dorsal rhizotomy (SDR) surgery for spasticity
- Shunt surgery for hydrocephalus
- Tethered spinal cord release
- Vagus nerve stimulation for epilepsy and seizures

Questions before referring?

The Gillette provider relations team is here to support you and your staff with referral questions and to ensure a seamless experience. We welcome your feedback—please share any suggestions or concerns.

ProviderRelations@gillettechildrens.com

Provider Referral



Provider Access Line
651-400-2525



Online referral
gillettechildrens.org/referral



Request Medical Records

To request medical records, please use your HIPAA-compliant email to fill out our digital request form.



When to Refer

Conditions Best Seen as Soon as Possible:

Early referral to our Neurosurgery team is crucial for optimal outcomes. Consider referring patients with the following conditions:

- Chiari malformations: prompt evaluation aids in diagnosing and planning effective management
- Craniofacial disorders: early consultation is recommended for conditions such as craniosynostosis to plan effective management
- Epilepsy requiring surgical intervention: specialized care is necessary for accurate diagnosis and treatment planning
- Hydrocephalus: early assessment can identify the need for surgical intervention to manage cerebrospinal fluid buildup
- Spinal dysraphism: early consultation is recommended for conditions such as spina bifida or tethered cord to plan effective management

Conditions Diagnosed Prenatally

Our neurosurgeons offer consults for parents of babies who have been diagnosed with a neurological condition in utero, including:

- Hydrocephalus
- Spina bifida
- Neural tube defects
- Cysts
- And more

During the consult, our providers focus on education and planning for care including learning about the condition, disease confirmation steps, expected prognosis, and discussion of treatment after delivery.

Our Expertise

Our multidisciplinary team includes:

- Neurodiagnostic specialists
- Neuropsychologists
- Pediatric neurosurgeons
- Psychiatrists
- Rehabilitation therapists

This comprehensive team approach ensures that each child receives individualized care tailored to their unique needs.

Diagnostic and Treatment Modalities

Utilizing state-of-the-art technology and techniques, our services encompass:

- Advanced neurodiagnostic testing (e.g., EEG, EMG)
- Comprehensive neurosurgical evaluations
- Medical and surgical interventions
- Neuropsychological assessments
- Ongoing developmental monitoring
- Rehabilitation therapies (physical, occupational, speech)

Our goal is to minimize the need for surgery while maximizing outcomes, ensuring each child achieves their fullest potential.



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Refer Online



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