



WHAT'S NEW...

Mazor X Robotic Platform

Part of Guthrie's continuing commitment to using cutting-edge technology to improve our patients' experience is the Mazor X Robotic Platform.

This new technology, which is used during lumbar and thoracic fusion procedures, allows our neurosurgeons to perform procedures through a smaller incision.

For our patients, this means:

- Less pain
- A shorter hospital stay
- Shorter recovery time
- A reduced risk of complications

The platform uses 3D computerized planning to create an ideal surgical plan that is individualized for each patient. Guthrie surgeons can pre-plan the surgery using the Mazor's 3D computerized surgical planning feature.

The Mazor Robotic Guidance also gives Guthrie surgeons greater control and precision with the placement of spinal hardware such as screws and interbody implants.

The Mazor X Robotic Platform is part of our suite of advanced imaging equipment, including the S8 Stealth Station and O-arm portable C-arm.



Guthrie Neurosurgery

Our neurosurgeons have specialized training in multiple aspects of neurosurgery and work with patients to develop a plan that will achieve their best outcomes.

Today, open craniotomy procedures are being replaced with less-invasive catheter-based techniques performed through a needle stick.

With the addition of biplane neuroangiography technology, our treatment options continue to expand. Doctors can follow the path of blood through the vessels of the brain. A roadmap is created that helps pinpoint the precise location of disease or malformation.

With the input of patients and their loved ones, we can provide the right care options to meet our patients' needs.

We provide expertise in many aspects of neurosurgery, including:

- Brain tumors
- Cerebral vascular disease
- Minimally invasive spinal surgery
- Neurological trauma
- Neuro-oncology
- Stroke

And treat disorders that include:

- Spinal disorders
- Brain disorders
- Cerebrovascular disease

A Comprehensive Team

Our neurosurgery team sees patients in Corning, Ithaca, Big Flats, Vestal and Sayre. They perform surgeries at Guthrie Corning Hospital and Guthrie Robert Packer Hospital.

To refer a patient, call Guthrie's Central Scheduling at **866-GUTHRIE** (866-488-4743)



Christopher Paramore, MD

- Corning Centerway: 607-973-8000
- Ithaca: 607-257-5858
- Sayre: 570-888-5858
- Vestal: 607-798-1452

Clinical interests:

- Minimally invasive spine surgery
- Adult spinal deformity surgery
- Robotic spine surgery
- Pituitary tumors



Kim L. Rickert, MD

- Sayre: 570-888-5858

Clinical interests:

- Neuro vascular
- Neuro-oncology
- Neurotrauma
- Degenerative spine disorders



Justin B. Crawford, PA-C

- Sayre: 570-888-5858

Clinical interests:

- Degenerative spine disorders
- Neuro-navigated spine fusion
- Kyphoplasty/compression fractures
- Enhanced recovery after spine surgery (ERASS)
- Spine care



Tayler Nichols, PA-C

- Big Flats Specialties: 607-973-8000
- Corning Centerway: 607-973-8000
- Ithaca: 607-257-5858
- Sayre, Pa.: 570-888-5858
- Vestal: 607-798-1452

Clinical interests:

- Brain tumors
- Pituitary tumors
- Spine deformities
- Neurotrauma



Guthrie Bids Farewell to Dr. Erik Gregorie

The Guthrie Neurosurgery team would like to bid farewell to Dr. Erik Gregorie, who is retiring after 23 years with Guthrie. We would like to thank him for his exemplary service.

*The phone numbers listed below providers are for consultative purposes only

Guthrie Spine Care Clinic - Collaborative Care Between Neurosurgery, Pain Management & Physiatry

Neurosurgery and Physiatry

For patients who have suffered spine injuries, the Guthrie Spine Care Clinic collaborates with the Guthrie Physiatry and Pain Management departments to relieve chronic pain and improve mobility so that patients can experience an improved quality of life and enjoy everyday activities.

The team will create a plan to address patients' diagnosis and symptoms. The team may also include professionals from other medical fields, such as orthopedics, chiropractic care, physical therapy, occupational therapy, or bariatrics.

Guthrie is the leading provider of Neurosurgery services in our primary service area, with approximately 500 spine and 300 neurosurgery-related procedures performed annually.

Guthrie Spine Care Clinic

The Guthrie Spine Care Clinic can give patients relief from neck and back pain. Back pain can be treated with chiropractic care or physiatry.

If surgery is necessary, our neurosurgery team is specifically trained and board-certified. We use minimally invasive techniques that mean a faster and safer surgery with less recovery time.

Surgical treatment for spine pain or injury include:

- Vertebroplasty
- Kyphoplasty
- Spinal instrumentation/fusion

To schedule a consultation with the Guthrie Spine Care Clinic, call **844-97-SPINE** (844-977-7463).