

The Spinal Oncology Center

Advanced treatment options + expert multidisciplinary care for both malignant and nonmalignant diseases and disorders of the spine













- Resection of spinal cord tumors
- Spinal stabilization / instrumentation
- Stereotactic body radiation therapy (SBRT) for precise delivery of high-dose radiation to spinal tumors.
 SBRT is associated with reduced toxicity, less pain, and improved disease control.
- Chemotherapy
- Minimally invasive vertebroplasty for treating spinal fractures; balloon kyphoplasty to correct spinal curvature caused by vertebral compression fractures
- Pain management: intrathecal pain pumps, spinal cord stimulators, medical approaches

What Sets Us Apart

- Advanced surgery for any part of the spine, front to back
- O-Arm® imaging system, unique in Western New York, supports precise intraoperative navigation for greater safety and accuracy.
- Patients can see several specialists in one day, in one location.
- All members of the Spinal Oncology clinical team are board-certified in their respective fields. They work together to create the best treatment plan for each patient.
- Multi-specialty surgical team for complex approaches to the spinal column
- Team includes one of only 400 board-certified neuropathologists in the nation.

The Spinal Oncology Center at Roswell Park Cancer Institute brings together technology and expertise to improve survival, reduce pain, preserve or even restore neurologic function, and prevent or correct spinal deformity.

Meet the Team





















Surgical Oncology

- Andrew J. Fabiano, MD, FAANS, Director, Spinal Oncology Center
- Todd Demmy, MD, FACS, Clinical Chair, Thoracic Surgery
- Robert Fenstermaker, MD, Chair, Department of Neurosurgery Director, Neuro-Oncology Program
- Mark Hennon, MD
- Robert Plunkett, MD

Medical Oncology

Saby George, MD, FACP

Radiation Oncology

Dheerendra Prasad, MD, MCh, FACRO Medical Director, Department of Radiation Medicine Director, Central Nervous System & Pediatric Radiation Medicine Director, Gamma Knife Center

Diagnostic Radiology

- 8 Ahmed Abdelhalim, MD
- Ronald Alberico, MD, Director, Neuroradiology/Head & Neck

Anesthesiology

Oscar DeLeon, MD, Chief, Pain Medicine

Pathology

Jingxin Qiu, MD, PhD, Director of Neuropathology

Confer with an RPCI Physician / Request Information / Refer a Patient Call us today to discuss a case, confirm a diagnosis or refer a patient: 716-845-RPMD or 716-845-7763, or email rpmd@roswellpark.org.



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