

JAY CHUN, MD, PhD

Dr. Jay Chun, a native of New York, completed his MD and PhD at Columbia University College of Physicians and Surgeons. His neurosurgical residency was completed at the University of California at San Francisco, followed by specialization in the discipline of complex and minimally invasive spine surgery at Emory in Atlanta, Georgia. He is board certified.

Dr. Chun specializes in complex and minimally invasive spine surgery as well as artificial discs. Dr. Chun also performs general neurosurgery including brain and pituitary tumors as well as skull base surgery. He utilizes intraoperative cortical motor and speech mapping during tumor resections.

While a member of the Columbia University faculty, Dr. Chun worked in the field of biotechnology. He has received many honors, including Medical Research Fellowships from the National Institutes of Health (NIH), working with the late Nobel Laureate Marshall Nirenberg. He received his PhD with Richard Axel, a recipient of the 2004 Nobel Prize. In honor of his stem cell research, he received the NIH Individual National Research Service Award.

Dr. Chun's clinical and research interests encompass the treatment of brain and spinal disorders using innovative and cutting-edge technology. He combines the latest science with the clinical treatment of neurosurgical issues.



Atlantic NeuroSurgical Specialists

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Atlantic NeuroSurgical Specialists



DR. CHUN

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ATLANTIC NEUROSURGICAL SPECIALISTS (ANS) IS THE LARGEST SUBSPECIALIZED NEUROSURGICAL GROUP IN NJ. OUR TEAM OF BOARD CERTIFIED AND FELLOWSHIP-TRAINED SURGEONS ARE LEADERS IN ADVANCED THERAPIES FOR BRAIN AND SPINE DISORDERS.



INNOVATION IN SPINE SURGERY

Dr. Chun is a renowned neurosurgeon fellowship-trained in complex and minimally invasive spine surgery. He has the advanced training to understand the intricate relationship between the spine and the complex network of nerves that make up the spinal cord. Understanding this interrelationship between the structural aspects of the spine and the nervous system allows the neurosurgeon to fine-tune a patient's diagnosis, develop the most appropriate and least invasive treatment option, and perform complex surgeries involving the spine and spinal cord.

MINIMALLY INVASIVE PROCEDURES

With the use of small incisions, customized instruments, and innovative imaging techniques, many procedures may be performed with less pain, blood loss, and damage to the surrounding tissues. This technique enables the patient to get back to their normal activities sooner than with conventional surgery.



SPECIALTIES

Dr. Chun incorporates the latest technological advancements to provide the best and safest outcomes for our patients.

Procedures:

- ▶ Minimally invasive spine surgery
- ▶ Complex spine surgery
- ▶ Disc replacement

Conditions Treated:

- ▶ General back pain
- ▶ Sciatic nerve pain
- ▶ Cervical disc herniation
- ▶ Lumbar disc herniation
- ▶ Lumbar stenosis
- ▶ Spinal fracture
- ▶ Spinal tumors
- ▶ Compression fractures



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