## 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.



#### Main Offices:

## ....

## **Additional Locations:**

310 Madison Avenue Suite 300

Morristown, NJ 07960 **973.285.7800** 

3700 Route 33 Neptune, NJ 07753 **732.455.8225** 

11 Overlook Road Suite 180 Summit, NJ 07901 **908.516.2941**  Sparta, NJ 973,729,0266

Bedminster, NJ **973.285.7800** 

Englewood Cliffs, NJ 973.285.7800

www.ansdocs.com





# DR. CHUN

Making next-generation treatments possible.

ansdocs.com



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 finetune 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.

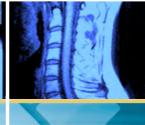
### **Procedures:**

- 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





## 제이 전, MD, PhD

제이 춘의사는 뉴욕에서 태어났으며 컬럼비아 대학의 내과 및 외과 대학에서 석사와 박사학 과정을 졸업하였습니다. 그는 샌프란시스코의 캘리포니아 대학에서 신경외과 레지던트를 끝내고 조지아의 애틀란타시의 에모리에서 복잡한 최소 침습 척추수술 전문 교육을 받았습니다. 그는 보드의 인증을 받았습니다.

춘의사는 복잡한 최소 침습 척추수술뿐만 아니라 인공 디스크에도 전문화되어 있습니다. 춘의사는 또한 뇌와 뇌하수체 종양을 포함하는 일반 신경 외과뿐만 아니라 두개골 바닥 수줄도 진행합니다. 그는 종양 절제술중에 대뇌 피질의 모터와 음성 매핑을 활용합니다.



컬럼비아 대학의 학부 성원으로서 춘의사는 생명공학 분야의 연구를 해왔습니다. 그는 최근에 노벨상을 수상한 마샬 니런버그와 함께 일하면서 국립 보건원(NIH)로부터 의학 연구 동호회를 포함한 수많은 명예를 수여받았습니다. 그는 2004년 노벨상을 수여받은 리차드 악셀과 함께 박사학위를 수여받았습니다. 줄기세포 연구에서의 공로로 그는 NIH의 개별적 국가 연구 서비스 상을 수여받았습니다.

춘의사의 임상 및 연구 분야는 혁신적인 최신 기술을 이용한 뇌와 척추 질환에 대한 치료를 포괄합니다. 그는 최신 과학과 신경외과 문제에 대한 임상 치료를 결합하였습니다.