

COLORADO..... SPINE PARTNERS

145 Inverness Drive E, Suite 100
Englewood, CO 80112

Appointments: **303-697-7463**
ColoradoSpinePartners.com

Fellowship-trained spine team provides disc replacement, minimally invasive surgery & scoliosis treatment

Colorado Spine Partners is a group practice composed of the four fellowship-trained orthopedic spine surgeons based in Denver. Dr. Ghiselli, Dr. Jatana, Dr. Johnson and Dr. Wong — have practiced together in Denver as colleagues for about 20 years.

In September 2023, Dr. Christopher Johnson joined the group bringing expertise in scoliosis, cervical artificial disc and minimally invasive spine surgery. He is also referred complex failed back surgery patients who continue to have pain after spine surgery elsewhere.

The spine surgeons are referred back pain and neck pain patients from across

the Colorado, New Mexico, Nebraska, Wyoming and Kansas.

All four surgeons share a common philosophy in that they emphasize non-surgical treatment options in advance of spine surgery. This can include spine therapy and spinal injections, which are provided by other specialists outside the group.

When surgery is necessary, the spine surgeons perform minimally invasive spine surgery so the patient can be home later the same day to recover in the comfort of their own home. Complex spine surgery, including fusion, instrumentation and artificial disc

replacement is also provided in several different hospitals around the Denver area. More information is available on their online spine encyclopedia at ColoradoSpinePartners.com.

Appointments and referrals can be made by calling 303-697-7463.

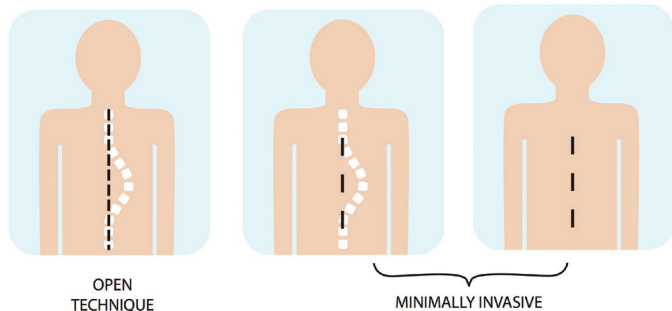
New surgeon provides expertise in scoliosis, flatback

Fellowship-trained spine surgeon Dr. Christopher Johnson from Stanford and Cedars Sinai Hospitals in California joined Colorado Spine Partners in September 2023 bringing experience in adult scoliosis, minimally invasive spine surgery, artificial disc and complex failed back surgery patients.

"There have been significant advances in **scoliosis surgery** with new instrumentation and fixation devices that untwist the scoliotic spine," explains Dr. Johnson. "A surgeon trained in mini-scoliosis surgery now is able to correct the abnormal curve through three shorter incisions rather than one long incision. This lessens the disruption to muscles, lessens blood loss (and the need for outside blood), lessens disruption to ligaments and speeds recovery with less pain after surgery."

Dr. Johnson also corrects **Flatback Syndrome** which is caused by the use of older Harrington Rods used 30 years ago for scoliosis and can now create pain problems. The older rods are replaced with new instrumentation that provides a correct spinal curve.

Dr. Johnson also treats complex failed back surgery patients who still have pain symptoms after previous spine surgery elsewhere.



Colorado Spine Partners (Formerly Denver Spine Surgeons)

Gary Ghiselli, MD
Board-certified Orthopedic Surgeon
Fellowship-trained Spine Surgeon

Sanjay Jatana, MD
Board-certified Orthopedic Surgeon
Fellowship-trained Spine Surgeon

Christopher R. Johnson, MD
Board-eligible Orthopedic Surgeon
Fellowship-trained Spine Surgeon

David A. Wong, MD
Board-certified Orthopedic Surgeon
Fellowship-trained Spine Surgeon

Home Remedy Book



We provide a free 36-page Home Remedy Book that can relieve pain along with a Symptom Chart that shows the emergency symptoms of numb hand or foot and when to see a doctor. These patient education materials are at our online spine encyclopedia at ColoradoSpinePartners.com.



Spine Surgeon Biographies

Gary Ghiselli, MD

Board certified orthopedic surgeon • Fellowship trained spine surgeon

Dr. Ghiselli is a board certified spine surgeon specializing in cervical, thoracic and lumbar surgery with subspecialty in complex deformity and degenerative conditions of the cervical spine. He completed a fellowship in spinal surgery at the University Hospital of Cleveland. He graduated medical school from University of Texas, Southwestern Medical School Summa cum laude. He completed his residency at UCLA and was Chief resident of Orthopedics. His memberships include North American Spine Society, American Medical Association and American Academy of Orthopedic Surgeons.



Sanjay Jatana, MD

Board certified orthopedic surgeon • Fellowship trained spine surgeon

As a fellowship trained spine surgeon, Dr. Jatana specializes in treatment of complex disorders of the cervical spine, degenerative lumbar spine and microsurgery. He also focuses on general spinal surgery with special training in the cervical spine and treating patients who require repeat or revision surgery. During surgery, Dr. Jatana employs spinal cord monitoring techniques and a microscope to facilitate safety and accuracy. After surgery, Dr. Jatana prefers to follow his patients for at least two years to ensure long-term positive results. He completed his residency at Harbor-UCLA Medical Center and was Chief Resident of the Department of Orthopedics. Dr. Jatana is a Diplomate for the American Board of Orthopedic Surgery and a Fellow for the American Academy of Orthopedic Surgeons.



Christopher Rolf Johnson, MD

Board eligible orthopedic surgeon • Fellowship trained spine surgeon

Dr. Johnson is a fellowship-trained spine surgeon specializing in adult scoliosis, deformity, complex failed back surgery, artificial disc replacement and minimally invasive spine surgery. He graduated medical school from University of Colorado and completed his residency in orthopedics at the prestigious Cedars Sinai Hospital in Los Angeles. He then completed a fellowship in spine surgery at Stanford in Palo Alto. With minimally invasive spine surgery and the half-inch incision involved, many of Dr. Johnson's patients are able to go home the same day of surgery.



David A. Wong, MD, MSc, FRCS (C)

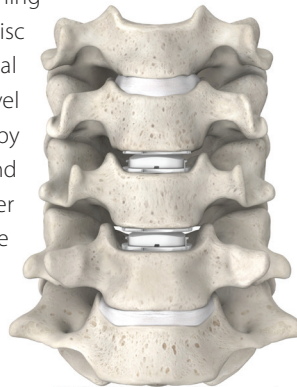
Board certified orthopedic surgeon • Fellowship trained spine surgeon

Dr. David Wong is a fellowship-trained board-certified orthopedic spine surgeon with a specialty in lumbar microsurgery. He graduated from medical school from University of Toronto and completed his residency under The Gallie Programme, which included six months each in general and vascular surgery, neurosurgery and orthopedic pathology. He later completed his fellowship training from University of Toronto Wellesley Hospital in spinal surgery, including minimally invasive surgical techniques. He serves as Director for the Advanced Center for Spinal Microsurgery at the P/SL Medical Center. Dr. Wong is also an Assistant Clinical Professor of Orthopedic Surgery at the University of Colorado. He was President of the North American Spine Society from 2002-2003. Dr. Wong serves as a Chairman for the AAOS Patient Safety Committee and NASS Patient Safety Task Force.



Artificial Disc Replacement

New research from the North American Spine Society (NASS) documented that Artificial Disc Replacement preserves the motion of the spine compared to the traditional treatment of spinal fusion. This motion preservation lessens the risk of "adjacent segment disease." When two levels are fused together, this increases the stress placed on the remaining discs in the spine, in some cases, increasing the risk of future disc herniations at those levels. Mobi-C® was one of the first cervical discs to receive FDA approval to treat both one-level and two-level cervical disc disease. Currently several other discs are approved by the FDA for two levels. New discs include the Prodisc Vivo, M6 and Simplify discs. The advantages of the artificial disc replacement over traditional anterior cervical discectomy & fusion (ACDF) is that the neck maintains normal motion and reduces the stress placed on the other discs in the neck. The goal with motion preservation is to retain the normal rotation of the neck and lessen the need for any future surgery at other levels in the neck.



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Minimally Invasive Surgery

The spine surgeons at Colorado Spine Partners use state of the art minimally invasive techniques and instrumentation to help patients recover in a shorter period of time and allow for a quicker return home.

In minimally invasive spine surgery, a smaller incision is made, sometimes only a half-inch in length. The surgeon inserts a tubular retractor through the incision to access the damaged disc in the spine. In the tip of the instrument is a camera and cutting device. The surgeon is able to view the disc area on a video monitor and remove the disc herniation.

Minimally invasive spine surgery requires extensive training and experience to master use of the instruments, but there is tremendous benefit for the patient. The incision is shorter, resulting in less disruption to muscle and tissue, less blood loss and the need for outside blood, and quicker recovery time with less pain. Most minimally invasive surgery patients with Colorado Spine Partners go home the same day.



Center of Excellence

Colorado Spine Partners is the only spine center in Colorado to be listed on CentersforArtificialDisc.com & SpineCenterNetwork.com. To be listed on Spine Center Network, a spine program emphasizes patient education, minimally invasive spine surgery techniques, motion preservation and non-surgical treatment options in advance of surgery.



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