

Surgical Outcomes after Spine Surgery 2021

When considering spine surgery, it is important to evaluate a spine surgeon's surgical outcome success and complication rates. At our practice, we work in partnership with Denver Spine Surgeons and use web-based patient surveys that look at pain control, return to work and recreational activities.

It is important to know the rate of infections, re-admissions within 30 days of the original operation, complications, and re-operations immediately after the first surgery compared to published national standards. In addition, the complexity of the surgery and the high risk patients that a surgeon operates on are also important factors to consider.

QUALITY INDICATOR BY PRACTICE VOLUME

As with anything else, the more you do something, the more proficient you become at it. That's why the best outcomes come from those surgeons who do a high volume of a certain surgical procedure.

Dr. Jatana was one of the first spine surgeons in Colorado to be trained in Artificial Disc Replacement. As of mid 2021, Dr. Jatana has performed more than 200 disc replacements, which is more than most other spine surgeons who are trained in this specialty.

The other benefit of Artificial Disc Replacement surgery is that it provides a 6.5x reduction in 30-day readmission rates compared to spinal fusion, which is no longer the state of the art treatment for herniated discs in the neck.

QUALITY & EXPERIENCE REDUCES COMPLICATIONS & COSTS

Dr. Jatana has performed more than 1,400 neck surgeries. Consequently, few patients experience any complications from surgery. In 2021, Dr. Jatana had a 2.2% readmission rate compared to a national average of 4.5% for spine surgeons.

PATIENTS GO HOME SOONER WITH BETTER OUTCOMES

Because Dr. Jatana is proficient in minimally invasive surgery which requires a much smaller incision, 98% of Dr. Jatana's patients are go home the same day after surgery, compared to the national average of 89%-94%.

For those complex cases that require some time in the hospital for observation and recovery, Dr. Jatana's average length of stay (LOS) is 1.3 - 2.0 Days compared to a national average of 2.0 - 3.6 days.

SPINE SURGERIES PERFORMED IN 2021

- Cervical minimally invasive lamino-foraminotomy
- Anterior/Posterior multilevel decompression and fusion (multilevel)
- Cervical posterior laminectomy
- Anterior cervical disc replacement
- Lumbar discectomy
- Anterior lumbar fusion
- Spinal cord stimulator placement
- Anterior cervical fusion
- Cervical Laminoplasty
- Lumbar laminectomy
- Posterior lumbar fusion



Sanjay Jatana, MD

*Board-certified, fellowship-trained spine surgeon
Specializing in the Treatment of Complex Back & Neck Pain*

As a fellowship trained spine surgeon, Dr. Sanjay Jatana specializes in the treatment of complex back and neck problems. He is recognized as one of the top Colorado spine surgeons in spine surgery and motion preservation.

Dr. Jatana has special training in the complex spine problems and treats patients who require repeat or revision surgery. Dr. Jatana completed his residency in orthopedics 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. His memberships include North American Spine Society, Arapahoe Medical Society, Colorado Medical Society, Colorado Orthopedic Society and Denver Medical Society.

Patients travel to his Denver office from across Colorado, Wyoming, Nebraska, Kansas and New Mexico. Many of these patients have complex neck problems that have not resolved with treatment where they live. Dr. Jatana is referred some of the most complex back and neck patients in the Rocky Mountain region. One in four of new patients coming to Dr. Jatana had previous neck surgery elsewhere. Dr. Jatana is often successful in helping these complex patients recover and reduce their dependence on pain killers.

During back or neck surgery, Dr. Jatana employs spinal cord monitoring techniques and a microscope for safety and accuracy. His goal is to accurately identify the pain source so that surgery is successful in relieving symptoms. In addition to artificial disc replacement surgery options, Dr. Jatana is proficient in minimally invasive neck surgery which reduces the length of the incision to reduce blood loss, lessen time in the hospital, and speed return to activity with a less painful recovery. Dr. Jatana is trained in many of the artificial disc options for neck surgery, including Mobi-C and Prodisc-C. He also provides other specialized motion preservation surgeries for the neck, such as Cervical Lamino-Foraminotomy and Cervical Laminoplasty.

After surgery, Dr. Jatana prefers to follow his patients for at least two years to ensure long-term positive results. More information is at our educational Internet site at SanjayJatanaMD.com.