



Rocky Mountain Brain & Spine Institute Performs Tubular Minimally Invasive Spinal Tumor Resection

LONE TREE, Colo.---- Recently performing a tubular minimally invasive spinal tumor resection, Dr. Adam P. Smith, MD, owner of Rocky Mountain Brain & Spine, was the first surgeon in the Denver region to successfully perform this type of procedure.

As one of the few surgeons in the Denver region using tubular minimally invasive techniques when performing both decompressions and lumbar fusions, even for multi-level procedures, Dr. Smith said that this approach leads to less pain, less muscle injury, lower rates of adjacent segment disease, lower complications and quicker recovery time.

"The patient appears to have achieved complete tumor removal without any neurologic deficits or complications," he said. "The patient was able to walk the day of surgery and leave the hospital within 48 hours of surgery in minimal discomfort."

Since the early 2000's, experts in tubular minimally invasive surgery started using these techniques to remove thoracic and lumbar tumors. Dr. Smith said that this is a much more complicated and technically challenging procedure since it involves entering the sac containing the spinal fluid, nerves and spinal cord, as well as carefully manipulating the neural tissue to remove the tumor, all through a small tube.

"Tubular minimally invasive tumor resection is not appropriate for all tumors, and is confined to the thoracic and lumbar regions. However, the procedure decreases the risk of needing a fusion, decreases the rate of spinal fluid leak and may improve pain and outcome. This patient has been doing extremely well following the procedure," Dr. Smith said.

-30-

Our brain and spine institute specializes in the treatment of conditions ranging from artificial disc replacement to back revision surgery. Our neurosurgery practice specializes in minimally invasive surgery to treat degenerative spine conditions, such as lumbar disc herniations, degenerative disc disease and cervical disc disease. In addition to lumbar and cervical decompression and fusions, we also offer carpal tunnel surgery, scoliosis treatment and tumor removal. Our experienced and caring neurosurgeon, Dr. Adam Smith, is board-certified and trained in the most advanced surgical procedures. To learn more information, call our neurosurgery practice at (303) 471-4690.