

Spine Group Orlando includes expertise in the treatment of bone cancers and spinal tumor

Spine Group Orlando takes a multidisciplinary approach to the treatment of back and neck problems. Our fellowship-trained physicians provide world class orthopedic and spine tumor care without the need to travel for care. Dr. Haque, who received specialized orthopedic oncology training at Memorial Sloan Kettering, manages some of the most complex cases of spine tumor and bone cancers from across Central Florida.

"We work closely with cancer specialists to diagnose and treat patients with extremity and spinal tumors," explains Dr. Maahir Haque, spine surgeon. "Our spine team uses the latest advances in surgical and nonsurgical techniques to help improve outcomes. We are actively involved in the development of new treatments for oncology patients."



Dr. Haque was the first surgeon in Central Florida to use next-generation carbon fiber spine and orthopedic oncology implants, implants which improve the ability to dose radiation to spine and extremity tumors.

The orthopedic oncology

expertise includes the treatment of both primary and metastatic cancers of the spine and also spinal metastases to the arms and legs.

"We will look at several factors in determining each patient's treatment plan," adds Dr. Haque. "We look at the type of cancer and the stage of the cancer. We also look at the patient's overall health. The risks and benefits of each option will be discussed with the patient and final treatment recommendations will be made based on these discussions. When possible, the goal is to cure in the least invasive way possible."

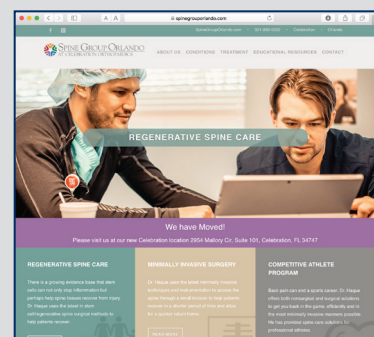
BONE CANCER

As adults get older, their bodies' cells grow and divide specifically to replace damaged or dying cells. Cancer starts when the genetic material (DNA) of a normal cell becomes damaged or changed. The cells can then grow out-of-control, in some cases forming a mass of tissue called a tumor. Not all tumors are cancerous, as some can be benign (non-cancerous) or malignant (cancerous). Tumors need to be assessed promptly because of the risk of cancerous ones spreading in the body.



Patient education tools for physicians

We believe the best healthcare quality comes from an informed consumer. As a community service, Spine Group Orlando distributes to physicians a 36-page Home Remedy Book for back and neck pain, a symptom chart, and an online spine encyclopedia at SpineGroupOrlando.com that has home remedies and symptom charts that show when it's necessary to see the doctor. Call us at 321-939-0222 and we'll send 20 free copies for your patients.



SpineGroupOrlando.com
APPOINTMENTS:
321-939-0222

KYPHOPLASTY

Spine Group Orlando specialists use Kyphoplasty and RFA to stabilize and kill tumors in the spine. Kyphoplasty is an outpatient procedure designed to stop the pain caused by a spinal fracture. This minimally invasive procedure, which can be done under local anesthetic in the office, fills the fractured bone with cement to relieve back pain caused by vertebral compression fractures.

The most common cause of compression fractures is osteoporosis, however other causes include tumors, infection and trauma. Balloon kyphoplasty is done by inserting a balloon into the vertebral body and inflating it to provide room for a special cement that strengthens the bone. The surgeon can collect a bone specimen (biopsy) at the same time to see if tumor or infection caused the fracture.

ARM AND LEG METASTASES

In some patients, tumor can spread to the bones, causing fractures. Dr. Haque fixes cancer-related fractures with carbon fiber implants so that radiation can be dosed easier and more effectively.

Spinal tumors

Spinal tumors can commonly spread to the spine.

Any abnormal growth, whether benign or malignant, can place pressure on sensitive tissues in the spine and impair function. Tumors that originate in the brain or spinal cord are called primary tumors.

The goal when treating spinal tumors is to minimize nerve damage related to compression of the spinal cord. The main priority is to administer treatment as quickly as possible to prevent progression. The three most commonly used treatments are surgery, radiation, and chemotherapy. Doctors also may prescribe steroids to reduce the swelling inside the spinal cord area.

Dr. Haque specializes in the management of spine tumors that involve the bones of the spine, sometimes reconstructing areas of the spine with special carbon fiber implants.

Spinal Cord Stimulator

Spinal cord stimulation helps to relieve chronic pain of the back, arms and legs. The main purpose of implanting a spinal cord stimulator is to help a patient manage pain without high doses of narcotics that can worsen a patient's quality of life or damage internal organs and shorten lifespan.



NON-SURGICAL SPINE CARE

MATTHEW WILLEY, MD

Board-Certified Physical Medicine & Rehabilitation
Fellowship-Trained in Interventional Spine



Dr. Willey is a board-certified specialist in Physical Medicine and Rehabilitation. He is Fellowship-Trained in Interventional Spine. He specializes in helping patients with back pain and neck pain resolve symptoms through nonsurgical treatment options like spinal injections.

Dr. Willey was born and raised in Florida, graduating summa cum laude from the University of Florida with a B.S. degree in Biochemistry. After graduation, he continued his medical training at the University of Florida, earning his M.D. degree. He completed his residency in Physical Medicine and Rehabilitation at the University of Birmingham — Alabama where he received specialized training in electrodiagnosics, musculoskeletal medicine, and traumatic brain and spinal cord injuries. Dr. Willey continued his education in Birmingham by completing a PASSOR-accredited fellowship in Interventional Spine and Sports Medicine. He is trained in the latest interventional and minimally invasive techniques to treat spinal and musculoskeletal pain along with ultrasound guided and regenerative interventional techniques. He focuses on accurate diagnosis of painful spine and musculoskeletal conditions and specializes in a variety of interventional and regenerative techniques to treat them. Dr. Willey emphasizes exercise and weight training as an antidote to aging.

Dr. Willey is an accomplished guitarist and during college and medical school played lead and rhythm guitar in several bands. In 2018 and 2019, Orlando Family Magazine named Dr. Willey a Top Physician for Pain Management and Orthopedics.

MINIMALLY INVASIVE SPINE SURGEON

MAAHIR HAQUE, M.D.

Board-Certified Orthopedic Surgeon
Fellowship-Trained in Spine Surgery
Specializing in Minimally Invasive Spine Surgery



Dr. Maahir Haque is a Board Certified Orthopedic Surgeon, who is also Fellowship-Trained in Spine Surgery. He specializes in minimally invasive spine surgery which uses tubular retractors and reduces the length of the incision to enable many patients to go home the same day for a faster and less painful recovery.

Dr. Haque is able to truly tailor a patient's treatment plan to his or her individual needs and goals. He is referred complex spine patients from across the State of Florida and other countries through Spine Group Orlando's international program. Dr. Haque is trained in revision spine surgical procedures, complex reconstructive spinal surgeries and the most advanced motion-preserving procedures including artificial disc replacement. Dr. Haque is actively involved in the national and international spine surgery community. He has published a number of peer-reviewed articles in spine surgical journals, including the leading journal Spine. He has given a number of podium presentations in a variety of meetings including at the prestigious Scoliosis Research Society. A devoted teacher, Dr. Haque was a clinical instructor at Brown University and currently holds a faculty appointment at the University of Central Florida. He continues to lecture in spine surgery topics and to instruct other surgeons in advanced spine surgical techniques.

Dr. Haque is a proud Floridian and is excited to return after many years away from home. He was born and raised in South Florida. He currently resides in the Orlando area with his wife, who is a practicing cardiologist in the community. In his spare time, Dr. Haque loves playing golf and is a true fishing enthusiast, he never misses a chance to take his children fishing.



SPINE GROUP ORLANDO
AT CELEBRATION ORTHOPAEDICS

Appointments:
321-939-0222

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