

fairfield

HEALTHCARE PROFILES



The Unstoppable Power of Collaborative Medicine

Breakthrough medicine is evolving at a breakneck pace at Jenkins NeuroSpine.

They might sound like scenes from a sci-fi movie, but the medical capabilities of neurosurgery are real—and life-changing. Augmented reality, artificial intelligence (AI), 3D modeling, and novel collaborations are among the everyday workings of Jenkins NeuroSpine.

Ranked in the top 1% of neurosurgeons worldwide and a trusted physician of the NFL, Jenkins NeuroSpine owner Arthur Jenkins III, M.D., is pioneering the field with passion and persistence.

“I tell my residents that 99% is not a passing grade in neurosurgery,” says Dr. Jenkins. “A neurosurgery operation is a puzzle of 100 intricate steps, and step one needs to anticipate step 99. Every patient needs the best possible outcome, or you’re not really helping them.”

Most Advanced, Most Effective

Tapping the expertise of related field leaders has led to revolutionary innovation. In treating thoracic outlet syndrome, for example, Dr. Jenkins’ collaboration with radiologists,

vascular surgeons, academic professors, and others has led to new techniques to diagnose and treat the disease both surgically and nonsurgically. Collaborating with Cleveland Clinic and The Ohio State University, Dr. Jenkins has made strides in treating patients with Bertolotti’s syndrome, a painful lumbar condition that affects up to 20% of the population.

Along with one of his practice colleagues, Dr. Jenkins has also perfected a minimally invasive approach to fractured tailbones—a fickle procedure that heals profoundly better when performed with a quarter-inch, rather than a two-inch, incision.

“Cross-pollination with others at the top of their field requires the ability to say, ‘I don’t know everything about everything,’” says Dr. Jenkins. “We’re taking full advantage of modern science and working together to treat patients as successfully as possible.”

While endoscopic approaches have been all the rage in modern surgery—they produce “exquisitely low rates of complication,” says Dr.

Jenkins—smaller incisions aren’t always better. “There’s a fine line between minimally invasive and minimally effective,” says Dr. Jenkins. “You have to consider a patient’s whole situation, including their other medical conditions and even their profession. I might take a different approach to a middle-aged weekend warrior than a professional athlete who makes their money off a perfect spine.”

Forging the Future

Going forward, Dr. Jenkins anticipates big data and AI playing an essential role in precision medicine. Genetic medicine, too, will unlock the potential to correct and even eliminate congenital spine anomalies before they develop into lifelong hindrances.

It’s compassion, Dr. Jenkins says, that drives his desire to press forward for continual advancement—often using his own resources to fund revolutionary research.

“I can’t imagine not trying to raise the bar,” he says. “Every day, with every patient, I strive to do the most good with the least amount of damage. And I hope someone else would do the same for me if I’m ever on the other side of the operating table.”



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