WHAT IS INTERFUSE®?

The InterFuse® System is a unique proprietary intra-operative assembly technology from VTI that allows surgeons to implant a large footprint device using a minimally invasive approach. Each device can be optimized to match the unique anatomical features and size of the patient’s disc space. The result is a less invasive device implantation without the compromises typically associated with MIS implants.

A MIS APPROACH

If you’ve been living with back pain then you know the impact it can have on your life. VTI offers solutions that can help ease your pain and get you back to living. The following patient information is intended to help you understand the anatomy of the spine and treatment options. This information should not replace your doctor’s opinion or recommendation for treatment. Consult with your surgeon and/or your primary care doctor to address any questions or concerns before deciding the best solution for your back pain.
The spine is a complex structure of bones, joints, ligaments and muscles that support the body enabling us to perform activities of daily living. It is composed of a series of bone segments (vertebrae) that are stacked on top of each other like blocks along with cushions called discs located between the segments that assist with absorbing loads. The disc allows motion of the spine and maintains separation between adjacent vertebrae. Each disc has an outer fibrous ring, called the annulus fibrosis, which keeps the disc intact. The inner portion of the disc is called the nucleus pulposus or the nucleus. It consists mostly of water and provides the cushion needed to absorb the forces exerted on the spine during activities. The spine is divided into three regions including the cervical (neck), thoracic (chest) and lumbar (lower back) regions. The lumbar region of the spine supports the majority of the body’s weight during movement and is commonly the source of low back pain.