

# iFuse Suggested Web Content

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The following content is available for iFuse surgeons to use on their websites.

## Basic iFuse Content and Links to SI-BONE®:

### For educational websites:

The sacroiliac (SI) joint is a significant cause of low back pain. Publications and clinical research show the SI joint as a pain generator in up to 25% of patients with low back pain and up to 43% patients returning with pain after lumbar or lumbosacral fusion.<sup>1,2</sup> The iFuse device manufactured by SI-BONE®, Inc. is a minimally invasive surgical SI joint treatment option available to provide stabilization and fusion of the SI joint for conditions including sacroiliac joint dysfunction that is a direct result of sacroiliac joint disruptions and degenerative sacroiliitis. This is accomplished by inserting titanium implants across the joint to maximize post-surgical stability and weight bearing capacity. The procedure is done through a small incision and takes about an hour. Multiple published studies on iFuse have documented procedure safety and effectiveness. As with all surgical procedures and permanent implants, there are risks and considerations associated with surgery and use of the iFuse Implant.

1. Sembrano\*, Jonathan N, and Polly\*\*, David W. "How Often Is Low Back Pain Not Coming from the Back?" *Spine* 34, no. 1 (January 1, 2009): E27–32. \*Dr. Sembrano conducts clinical research for SI-BONE, Inc.; \*\* Dr. Polly is an investigator in a clinical research study sponsored by SI-BONE, Inc. He has no financial interest in SI-BONE, Inc.
2. DePalma\*, Michael J, Ketchum, Jessica M, and Saullo, Thomas R. "Etiology of Chronic Low Back Pain in Patients Having Undergone Lumbar Fusion." *Pain Medicine* (Malden, Mass.) (April 11, 2011). <http://www.ncbi.nlm.nih.gov/pubmed/21481166>. \*Dr. DePalma conducts clinical research for SI-BONE, Inc.

### For trained surgeons and physician's websites:

Dr. XXXXXX is trained in the latest minimally invasive surgical (MIS) techniques, including use of the iFuse Implant System® from SI-BONE®, Inc., a medical device company pioneering MIS sacroiliac (SI) joint treatment. The iFuse Implant System is intended for sacroiliac joint fusion for conditions including sacroiliac joint dysfunction that is a direct result of sacroiliac joint disruptions and degenerative sacroiliitis. Multiple published studies on iFuse have documented procedure safety and effectiveness. As with all surgical procedures and permanent implants, there are risks and considerations associated with surgery and use of the iFuse Implant. Patients should discuss these risks and considerations with their physician before deciding if this treatment option is right for them. The iFuse Implant System is not appropriate for all patients and not all patients benefit from the iFuse procedure.

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## Expanded SI Joint Content:

### Sacroiliac Joint (SI Joint) Anatomy

The sacroiliac joint (SI joint) is located in the pelvis; it links the iliac bones (pelvis) to the sacrum (lowest part of the spine above the tailbone). It is an essential component for shock absorption to prevent impact forces from reaching the spine.

### Do you have SI Joint Problems?

The SI joint is a significant cause of low back pain. Publications and clinical research show the SI joint as a pain generator in up to 25% of patients with low back pain and up to 43% of patients returning with pain after lumbar or lumbosacral fusion.<sup>1,2</sup>

Like any other joint in the body, the SI joint can become damaged. SI joint pain can be due to a number of conditions, including degeneration, disruption, inflammatory conditions such as ankylosing spondylitis, tumor, infection or other problems. When this happens, people may feel pain in their upper leg(s), buttock and sometimes even higher in the body. This is especially true with sitting, lifting, running, walking or even sleeping on the involved side.

It is important to note that on occasion, patients who have not had relief from lumbar or lumbosacral spine surgery may actually have had other co-existing problems. This could include the SI joint, the hip, and the spine separately or any combination of these three potential pain generators.

### Making a Diagnosis

A variety of tests performed during physical examination may help reveal the SI joint as the cause of your symptoms. Sometimes, X-rays, CT-scan or MRI may be helpful in the diagnosis of SI joint-related problems.

The most relied upon method to accurately determine whether the SI joint is the cause of your low back pain symptoms is to inject the SI joint with a local anesthetic. The injection will be delivered under either X-ray or CT guidance to verify accurate placement of the needle in the SI joint. If your symptoms are decreased by at least 75%, it can be concluded that the SI joint is either the source of or a major contributor to your low back pain. If the level of pain does not change after SI joint injection, it is less likely that the SI joint is the cause of your low back pain.

### Treatment Options

Once the SI joint is confirmed as the cause of your symptoms, treatment can begin. Some patients respond to physical therapy, use of oral medications, or injection therapy. These treatments are often performed repetitively, and frequently symptom improvement using these therapies is temporary. At this point, you and your surgeon may consider other options, including minimally invasive surgery.

### SI Joint Fusion with the iFuse Implant System®

The iFuse Implant System is designed to provide stabilization and fusion for certain SI joint disorders. This is accomplished by inserting titanium implants across the sacroiliac joint to maximize post-surgical stability and weight bearing capacity. The procedure is done through a small incision and takes about an hour. Multiple published studies on iFuse have documented procedure safety and effectiveness.

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**If the information above is used, SI-BONE requests inclusion of the following risk statement:**

The iFuse Implant System® is intended for sacroiliac joint fusion for conditions including sacroiliac joint dysfunction that is a direct result of sacroiliac joint disruptions and degenerative sacroiliitis. As with all surgical procedures and permanent implants, there are risks and considerations associated with surgery and use of the iFuse Implant. Patients should discuss these risks and considerations with their physician before deciding if this treatment option is right for them. The iFuse Implant System is not appropriate for all patients and not all patients benefit from the iFuse procedure.

## Videos

### Available videos:

Visit SI-BONE's YouTube channel to view the latest videos

<https://www.youtube.com/user/thesacroiliacjoint>

- iFuse Procedure Animation
- Patient Testimonials

**The "Share - Embed" feature on YouTube will allow you to place the video on your website.**

By default YouTube videos embedded on other websites will display related or *suggested* videos after your video or playlist has completed. To disable this, add **?rel=0** to the end of the video URL, as shown in the example below:

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<iframe width="420" height="315" src="//www.youtube.com/embed/uniquecode?rel=0" frameborder="1" allowfullscreen"></iframe>
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