



Fluoroscopically-Guided Spine Injections

What is Fluoroscopy and How Does it Aid Spine Injections?

Spine injections under fluoroscopy combine precise medication delivery with advanced imaging technology to treat various types of back and neck pain. Think of fluoroscopy as a real-time X-ray movie that allows our physicians to see exactly where the medication needs to go.

This advanced guidance system ensures that the therapeutic medications reach the root source of your pain, whether it's an irritated nerve root, inflamed joint, or damaged disc.

To do this, your Desert Spine and Sports Physician uses a particular X-ray machine called a fluoroscope to watch the needle's movement within the spine in real-time on a video screen. The ability to see exactly where the needle is going makes these procedures safer and more effective than "blind" injections.

Fluoroscopy-Guided Injection Services Offered

- [Epidural Steroid Injections](#)
- [Medial Branch Blocks](#)
- [Radiofrequency Ablation](#)
- [Sacroiliac Joint Injections](#)
- [Spinal Cord Stimulation](#)
- [Caudal Epidural Steroid Injections](#)
- [Selective Nerve Root Blocks](#)
- [Kyphoplasty](#)
- [Facet Joint Injections](#)
- [Sympathetic Blocks](#)
- [Discography](#)

Conditions Treated with Fluoroscopy-Guided Injections

Fluoroscopy-guided spine injections effectively treat various conditions that cause back and neck pain. In particular, patients with the following conditions can benefit from spine injections under fluoroscopy:

- [Herniated or bulging discs](#) causing nerve compression
- [Spinal stenosis](#) (narrowing of the spinal canal)
- [Facet joint arthritis or inflammation](#)
- Degenerative disc disease
- [Sciatica and other types of radiculopathy](#)
- Failed back surgery syndrome
- [Sacroiliac joint dysfunction](#)
- [Complex regional pain syndrome](#)

The level of precision that fluoroscopic guidance provides ensures that the medication reaches precisely where it needs to go, whether we're treating nerve inflammation, joint pain, or disc-related issues.

Why Fluoroscopy Spine Injections Are the New Standard

Fluoroscopy plays a crucial role in modern spine interventions, transforming what was once a blind procedure into one with unprecedented accuracy and safety.

More specifically, here's why fluoroscopic guidance has become the new standard:

- **Enhanced Precision:** Fluoroscopy provides real-time visualization of the spine's internal structures, allowing our physicians to guide needles with millimeter-precise accuracy to the exact treatment area.
- **Improved Safety:** By clearly showing the needle's path, fluoroscopy helps avoid contact with sensitive structures like nerve roots and blood vessels, significantly reducing the risk of complications.
- **Better Outcomes:** When medications are delivered precisely to the intended target, patients experience better pain relief and longer-lasting results than injections without imaging guidance.
- **Confirmation of Placement:** During the procedure, our physicians use a contrast dye to verify that the medication will spread to the intended treatment area before delivering the therapeutic injection.

At Desert Spine and Sports Physicians, our Board-Certified specialists use state-of-the-art fluoroscopy equipment to ensure the highest accuracy and safety in every spine injection procedure we perform. This commitment to precision medicine helps our patients achieve optimal results in their journey to enhance functioning and reduce pain.

Why Choose Desert Spine and Sports Physicians for Fluoroscopy-Guided Injections?

When you choose Desert Spine and Sports Physicians for fluoroscopic spine injections, you select a dedicated professional team committed to your well-being. Our physicians are Board-Certified in Physical Medicine and Rehabilitation and Fellowship-trained in Interventional Spine and Musculoskeletal Medicine. They serve as doctors of function, offering unparalleled [expertise in non-surgical spine care](#) to help patients regain function and reduce pain.

We offer tailored, all-encompassing treatment plans designed specifically for your unique condition, lifestyle, and objectives, all within a single location for streamlined and effective care. Reach out to our specialists to experience the distinctiveness of our approach.

[Desert Spine and Sports Physicians - Phoenix Office](#)

3700 N. 24th Street
Suite 210
Phoenix, AZ 85016

[Desert Spine and Sports Physicians - Mesa Office](#)

6634 E. Baseline Rd.
Suite 101
Mesa, AZ 85206

[Desert Spine and Sports Physicians - Scottsdale Office](#)

8670 E. Shea Blvd.
Suite 102
Scottsdale, AZ 85260

[Desert Spine and Sports Physicians - Peoria Office](#)

13128 N. 94th Drive
Suite 200
Peoria, AZ 85381

[Desert Spine and Sports Physicians - Gilbert Office](#)

3615 S. Rome St.
Gilbert, AZ 85297