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Information about Ultrasound Guided Injections:

What is an ultrasound?

An ultrasound is an imaging method that uses high frequency sound waves to produce precise images of structures within the body. Sound waves are sent and received through a small hand held device known as a transducer.

Why use ultrasound?

Ultrasound is a way to look at soft tissue and it shows the anatomy better. It allows the injection to be more precise. The ultrasound helps your doctor locate where the needle should enter the skin and improves the accuracy of the injection. There is no radiation involved.

How is the ultrasound performed?

A clear gel is applied to the area being examined and the ultrasound transducer is placed directly on the gel to produce images.

Is any anesthesia used for the procedure? Will there be any pain?

Typically a local anesthetic is injected into the skin, numbing the area where the injection is administered. Patients may experience a mild discomfort but not severe pain.

What should I do to prepare for the ultrasound?

In most instances, no particular preparation is required.

What is the recovery period like?

Following an ultrasound examination performed only for diagnostic purposes, you will be able to immediately resume your

pre-examination activities. If a therapeutic procedure (injection or aspiration) is performed utilizing ultrasound guidance, in most cases you will be able to resume regular activities within a day.