



## Facet and Medial Branch Blocks

### 1. What is a facet block or medial branch block?

A facet block is an injection of local anesthetic and steroid into a joint in the spine. A medial branch block is similar but the medication is placed outside the joint space near the nerve that supplies the joint called the medial branch (steroid may or may not be used). You may require multiple injections depending upon how many joints are involved.

Facet blocks and medial branch blocks are typically ordered for patients who have pain primarily in their back coming from arthritic changes in the facet joints or for mechanical low back pain.

A facet block or medial branch block may be therapeutic and/or diagnostic. One of three things may happen. 1. The pain does not go away - which means that the pain is probably not coming from the blocked facet joints - this has diagnostic value. 2. The pain goes away and stays away for a few hours but the original pain comes back and doesn't get better again. This would mean the block was also of diagnostic value -the pain is probably coming from the joints, but the steroid was not of benefit. 3. The pain goes away after the block, the pain may come back later that day, but then the pain gets better again over the next few days. This means that the block was of therapeutic value - the steroid had a long lasting effect on the pain.

If you get good, lasting benefit from the injections, the block may be repeated. If you get good, short-term benefit another procedure (radiofrequency ablation) may be done which may last months to years.

**Note: The procedure can not be performed if you have an active infection, flu, cold, fever, or very high blood pressure. Please make your doctor aware of any of these conditions. This is for your safety! Generally it is OK to stay on blood thinners for this procedure however if you have questions ask Dr. Roufaiel or his staff.**

### 2. What are the risks of the procedure?

As with most procedures there is a remote risk of bleeding, infection, nerve injury, or allergic reaction to the medications used.

Some short-term side effects may occur. If local anesthetic spreads to nearby nerves you may have weakness or numbness that can last for several hours. If this happens you may have to stay in the recovery area until this resolves. You may have increased pain for a few days after the injection, including localized pain at the injection site. Diabetics may have short-term elevation of blood sugars. People prone to fluid retention may have increased fluid retention for 1-2 weeks.

3. **Will the injection hurt a lot?**

Most people say the stinging/burning of the numbing medicine is the most uncomfortable part of the procedure though every person's response to any procedure is individual.

4. **What happens during the actual procedure?**

After signing the consent form and checking your blood pressure the procedure will be done in the fluoroscopy (x-ray) room with you lying on your stomach. For procedures in the neck an intravenous is started. The back is then cleansed with an antiseptic soap. Sterile drapes are placed. The skin is anesthetized (numbed) with a local anesthetic. This is felt as a stinging or burning sensation. Using x-ray guidance, needles are then advanced to the appropriate locations (the joints or the medial branch). Once the needles are in the proper location local anesthetic with or without steroid is injected through the needles and the needles are removed. Your skin will be cleansed and bandages will be applied. (The bandages can be removed on the next morning). Your blood pressure will be checked and you will be discharged to leave once you have met the discharge criteria.

5. **How will I feel after the injection?**

Your back pain may be improved immediately after the injection from the local anesthetic. It is important to keep track of how you feel for the remainder of the day. The steroid, when used, takes two or three days to have an effect in most people and peaks in about two weeks.

Some local tenderness may be experienced for a couple of days after the injection. Using an ice pack three or four times a day will help this. You may take your usual pain medications as well after the injection.

It is important that you keep track of the amount of pain relief you received as well as how long the pain relief lasted.

6. **Will I have any restrictions on the day of the procedure?**

**\*\*\*IF YOU RECEIVE SEDATION ONLY\*\*\***

**You may not drive for the remainder of the day after your procedure. An adult must be present to drive you home or to go with you in a taxi or on public transportation. The procedure will be cancelled if you don't have a responsible adult with you!! This is for your safety.**

No heat is to be used in the injected areas for the remainder of the day.

No tub bath or soaking in water (i.e. pool, jacuzzi, etc.) for the remainder of the day.

If the injections are in your neck you may take your medications as usual with a sip of water but do not eat or drink for six hours before the procedure. You may eat, drink and take your medications as usual on the day of the procedure (both before and after) if the injections are to be in your low back. Please follow the above instructions unless told differently by your doctor.

7. **For what reasons should I call Dr. Roufaiel after the injection?**

If you experience severe back pain, new numbness or weakness of your legs, or signs of infection in the area of the injection, you should call Dr. Roufaiel right away at (561)944-5534.