

# Local anaesthetic joint injection

Information and advice for patients

## *Pain Management*

Your doctor at the Pain Management clinic has suggested that a local joint injection may help ease your pain. This leaflet will briefly explain the treatment. It is important that you understand the treatment you will be receiving.

### **What is a local anaesthetic joint injection?**

A local anaesthetic joint injection is an injection of local anaesthetic and/or a small dose of anti-inflammatory (steroid) drug. It is injected into the painful joint.

How long the pain relief lasts, varies from person to person. It may last from a few days to several months.

### **What are the benefits?**

The benefit is that the injection it can reduce inflammation and swelling within your joint and relieve your pain.

### **Are there any risks or side effects?**

We are unable to state the exact frequency of some of these occurring as there is little statistical data available from published clinical trials. However, possible risks include:

- Occasionally bruising may occur around the site of the injection.
- The steroid part of the injection can take several weeks to take full effect so the pain may worsen. This is normal and should settle.
- Sometimes people can faint during, or after, the injection. We will monitor your blood pressure and ask you to rest after having the injection.
- There is between 1% and 2% risk of infection, and between 0.1% to 0.01% risk of severe infection. This risk is increased for people with diabetes.
- Allergic reaction to the injection although this is very uncommon and occurs in less than 1 in 7000 procedures. The reaction can be just a rash, or, even more rarely, a life threatening event. We will provide treatment for this if you have a reaction.
- If you have diabetes, we will monitor your blood sugar levels after the procedure as the steroid can increase them.
- In the majority of cases, it may only offer temporary benefit and so may be given in conjunction alongside other treatments.

### **Are there any alternative treatments?**

Alternative methods for managing your pain include medication, physiotherapy, TENS or attending a Pain Management Programme.

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### **Preparing for the procedure**

Please let us know if you are taking anticoagulant medications (blood thinners) such as clopidogrel (Plavix), warfarin or dipyridamole. You may need to stop these before the procedure.

If you are taking Warfarin we will need to do a blood test before you have the procedure. Please be aware that this may cause a slight delay to your treatment.

**You can continue to take all other medications as prescribed.**

You may eat and drink as normal.

### **The procedure**

You will be admitted to the Minor Ops unit in the Birmingham Treatment Centre. Please note that this is a mixed sex facility.

If you decide to have this injection, you will be admitted to the hospital, on the day care ward.

When you arrive, a nurse will check your blood pressure and give you a gown to put on. The doctor will then explain the procedure and ask you to sign a consent form. Please make sure that you understand the procedure and ask any question.

### **During the procedure**

The whole procedure takes about 20 minutes. X-rays or ultrasound will be used throughout the procedure to ensure the correct area is injected.

1. You will be taken to the procedure room and asked to lie on the x-ray table.
2. The doctor will then inject the area.

The area injected may feel numb for up to 6 hours following the injection.

### **After the injection**

After having the injection you will be asked to wait in the clinic for approximately 15 minutes. When you feel ready, and the staff are satisfied with your condition, you will be able to go home accompanied by a friend or relative.

You should not drive a vehicle yourself or travel on public transport for the rest of the day.

Once at home you should take it easy for the rest of the day, but start normal activities again the next day, building the level of activity gradually as you feel able.

The steroid injection may take a few days to start acting and relieving the pain. Initially the pain may even feel worse, but this should settle. It is important that you continue taking your usual pain killers until the injection starts to work.

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### **Follow up**

After the procedure you will be discharged back to the care of your GP who will review your progress at your request and re-refer back to the Pain Clinic if they deem this to be necessary.

### **Contact details**

If you have any questions or concerns please contact us on:

Tel: 0121 507 4344 / 5602 / 4866

Monday - Friday 9am - 4pm

If you have any problems outside these times, or are experiencing severe side effects, please contact your GP.

### **Further information**

More information with regards your condition, treatment options and support groups, can be found at:

- [www.painrelieffoundation.org.uk](http://www.painrelieffoundation.org.uk)
- [www.britishpainsociety.org](http://www.britishpainsociety.org)
- [www.painconcern.org.uk](http://www.painconcern.org.uk)
- [www.arthritisresearchuk.org/arthritis-information](http://www.arthritisresearchuk.org/arthritis-information)
- [www.nhs.uk/Conditions/Osteoarthritis/Pages/Treatment.aspx](http://www.nhs.uk/Conditions/Osteoarthritis/Pages/Treatment.aspx)

For more information about our hospitals and services please see our websites [www.swbh.nhs.uk](http://www.swbh.nhs.uk) and

[www.swbhengage.com](http://www.swbhengage.com), follow us on Twitter @SWBHnhs and like us on Facebook [www.facebook.com/SWBHnhs](http://www.facebook.com/SWBHnhs).

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### Sources used for the information in this leaflet

Cheng J, 'Complications of joint, tendon, and muscle injections', Jul 2007

If you would like to suggest any amendments or improvements to this leaflet please contact the communications department on 0121 507 5303 or email: [swb-tr.swbh-gm-patient-information@nhs.net](mailto:swb-tr.swbh-gm-patient-information@nhs.net)



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