

INFORMED CONSENT FOR PERINEURAL INJECTIONS

I, _____ have been advised and it has been recommended by Bethany Sprague FNP for me to receive treatment in the form of injections called Perineural Injection Treatment (PIT) or also called Perineural Subcutaneous injections (PSI), or neural prolotherapy.

In signing this form and based on the information that has been provided to me, I am consenting to and authorizing the procedures listed below, including the use of medications (dextrose solution) necessary to complete the treatment. I also understand that in some instances it may be necessary and I am consenting to a **series of treatments**. I understand that this is not a FDA approved procedure. I also agree that in addition to the information contained in this consent, I have been provided with an opportunity to discuss this treatment with my provider and his/her staff.

Benefits and Risks

Perineural Injection treatments (PIT) are generally considered safe and well tolerated.

Benefits: I understand that PIT may alter and decrease my pain complaints, but the treatment is not a guarantee from my provider that my pain will be completely eliminated permanently.

Alternatives: I understand that I may refuse treatment at this time or any point during the procedure. In the absence of treatment I understand that my pain may continue without relief.

Risks:

1. Allergic Reactions VERY RARE-Not documented in literature with PIT
2. Pain at the injection site.
3. Infection at the injection site (also rare 1:300,000 procedures).
4. Temporary numbness or dizziness.
5. Injury to nerves, muscles or blood vessels at the injection site.
6. There may be no effect from treatment.

Extreme caution will be taken by the Provider to minimize any and all of the aforementioned complications.

Please NOTE: Because Perineural Injection Treatment is considered an ALTERNATIVE treatment, private insurance and MEDICARE/Medicaid WILL NOT Pay for the procedure.

Signature of patient (or person with authority to consent for patient)

Date

Perineural Injection Treatment Education

General info:

Perineural Injection Treatment was developed by New Zealander Dr John Lyftogt who now teaches providers all over the world. It is a safe and effective treatment for painful conditions due to sport and occupation or other chronic non-malignant pain related issues. Perineural Injection Treatment is sometimes referred to as Neural prolotherapy or Perineural Subcutaneous injections (PSI).

It involves first making an accurate diagnosis of the cause of pain, which is usually due to an injured and non-healing sensory nerve causing pain, inflammation and delay of healing.

The treatment consists of a series of small injections immediately under the skin targeting painful and sensitive nerves with simple and natural substances. The substances used are Glucose and sodium bicarbonate to buffer solution to be pH neutral (helps with any injection site pain and reducing inflammation).

Every treatment aims to extinguish the pain, which may last for a period of hours to weeks. After this the pain may return, but usually in a lesser form. Repeat treatments will steadily reduce the overall pain and allow return of full function.

The average number of treatments required for most conditions is 3-4 and success rates vary between 80-100% depending on the condition.

There may be some bruising. However the treatment is safe with rare complications like infection (1 in 300.000 injections). No allergic reactions have yet been observed.

How does it work?

The working hypothesis developed is that glucose targets glucose sensitive pain nerves called nociceptors located in peripheral nerve trunks immediately under the skin. These nerve trunks may contain up to 30,000 small nerve fibers per mm². Half of these small nerve fibers are a variety of 'pain nerves fibers', technically known as sensocrine nociceptors. When injured these sensocrine nociceptors are thought to be responsible for painful conditions described as 'neuralgias' or 'neuropathic pain' or more commonly known as 'chronic pain'. Neuropathic pain is an alarm signal by capsaicin sensitive nociceptors indicating critically low perineural energy levels. PIT restores perineural glucose levels. This will result in repolarization and hyperpolarisation of nerve cells mediated by K channels, eliminating pain and reducing neurogenic inflammation.

Perineural Injection Treatment is an effective novel and evolving treatment for non-malignant persistent pain, based on sound neuroscientific principles. I have personally had the opportunity to study and be taught by Dr Lyftogt, and I am very excited to bring this therapy to people suffering in chronic pain. I personally understand how limiting pain can be by impacting ability to enjoy life. I hope you will join me in this journey to eliminate painful conditions.

The veil surrounding the mystery of persistent pain is lifting in the 21st century & we hope to help you along that journey.

Sincerely,

Bethany Sprague FNP