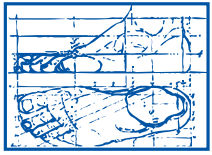


specialties



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HISTORY OF PROLIFERATIVE THERAPY

Proliferative therapy is not a new technique. Hippocrates first used proliferative therapy on Olympic javelin throwers who occasionally dislocated their shoulders. It was used to treat hernias before modern surgical techniques became available. Current techniques were developed in the 1930s. The same techniques and drugs have been used successfully for pain relief from ligament laxity for nearly 60 years. Prolotherapy is now gaining wider acceptance for painful musculoskeletal and ligamentous problems and has demonstrated long-lasting results.

The risk of Prolotherapy

Treatment with Prolotherapy is not without risk. Since the intent of the technique is to cause inflammation, pain, swelling, and redness, the result can sometimes be more than anticipated. The injections are also uncomfortable, because the placement of the needle at the fibro-osseous junction is also a tender site. Since the skin is broken with a needle, infection is possible; the very few infections have been reported. Serious complications are very rare. Death has been reported from Prolotherapy, but none in the last 25 years. Prolotherapy is proven to be a safe therapeutic technique in well-trained hands, but is not easy to learn. The Prolotherapists must have training in formal workshops, apprenticeship and be a true student in functional anatomy. Prolotherapy done by train hands is an effective treatment method of the pain and dysfunction of ligament laxity.

Summary

In summary, a process called inflammation normally heals accidents that cause ligament strains. Inflammation is a multistage process, but the end product is the production of collagen, which will form threads of a new ligament. This new ligament material strengthens the injured ligament, restoring function to this area. If the process is incomplete, the result may be chronic pain, muscle spasms and lack of function of the area.

Prolotherapy is an injection technique whereby drugs are injected at the fibro-osseous junction, which cause inflammation and the subsequent stimulation of fibroblasts and make new collagen fibers. This injection technique jumps starts the healing process. This can be uncomfortable but safe and effective in decreasing the pain of abnormal joint movement or ligament laxity. This usually leads to reduction of pain and improvement in function.