

# REGENERATIVE INJECTION THERAPIES

## A Brief Overview

### PROLOTHERAPY

This therapy uses a specific concentration of dextrose (naturally occurring sugar) with local anesthetic and vitamins to help heal injured tendons, muscles, and ligaments. It works to strengthen the integrity of connective tissue to improve function, decrease pain, and help prevent osteoarthritis.



### PERINEURAL

This therapy uses 5% concentration of dextrose to address nerve related pain. Inflamed and injured nerves respond to perineural by decreasing their pain signal. This therapy is indicated in people who have scar tissue, tight muscles, or trauma that has caused an inappropriate response in the nerves.

### PLATELET RICH PLASMA (PRP)

Platelets are cell fragments found throughout the body that are used to heal damaged tissue. They can be harnessed through a simple blood draw and processed in a centrifuge to concentrate the platelets and other growth factors found in the plasma. PRP helps decrease pain and disability from osteoarthritis and injured tendons or ligaments.



### BIOLOGICS

Amniotic and umbilical tissue from live, healthy births can be used to address pain and dysfunction from arthritis and injuries to muscles, tendons, and ligaments. Biologic tissue decreases inflammation and creates a more anabolic environment to encourage cartilage growth.

