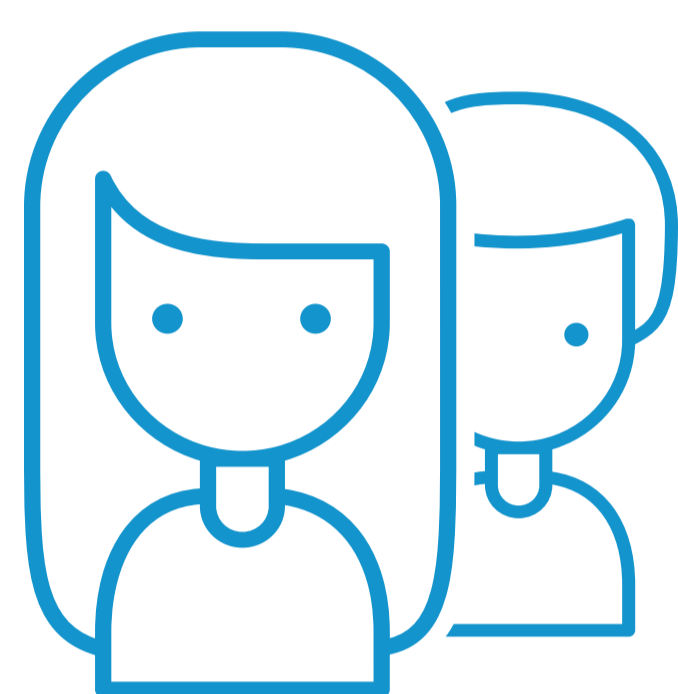
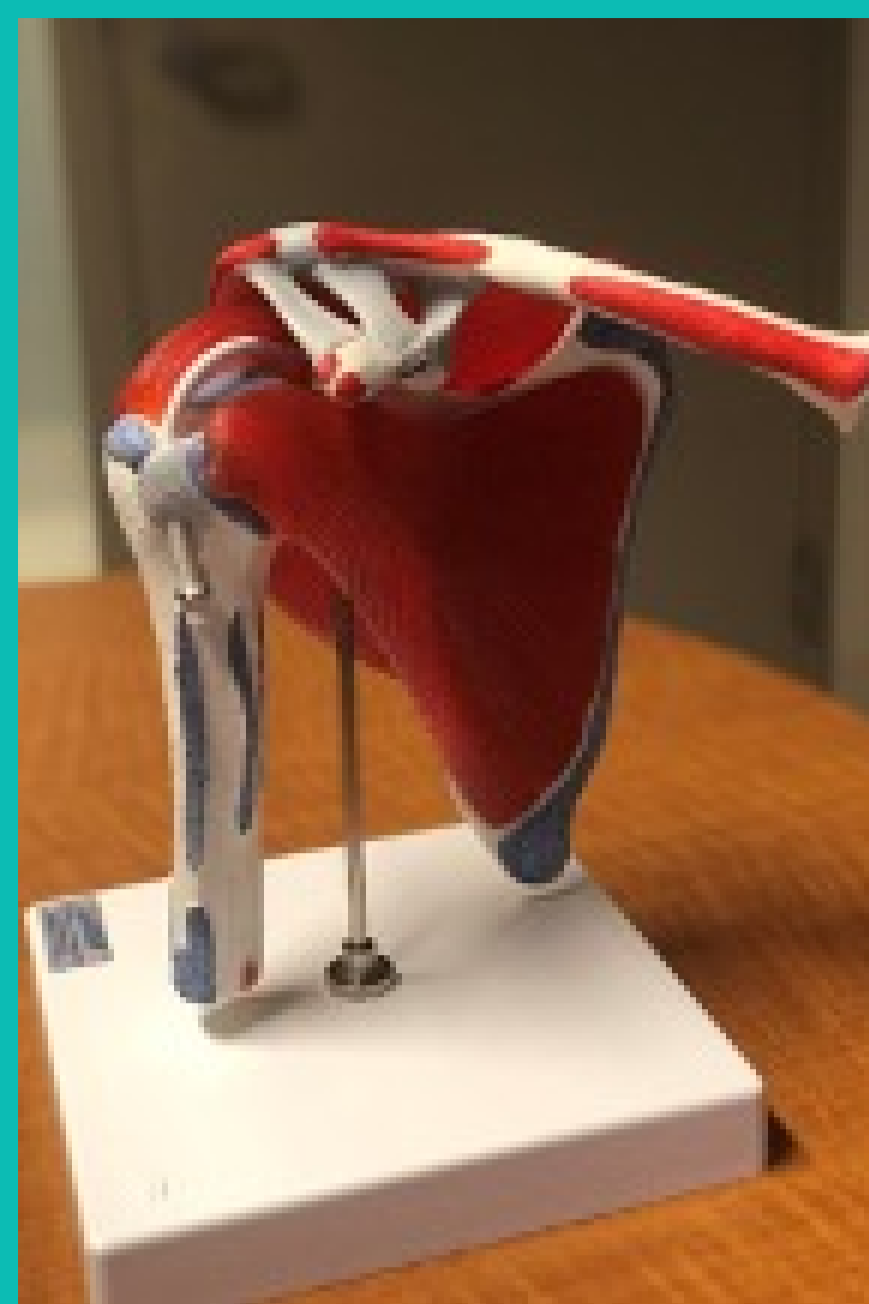
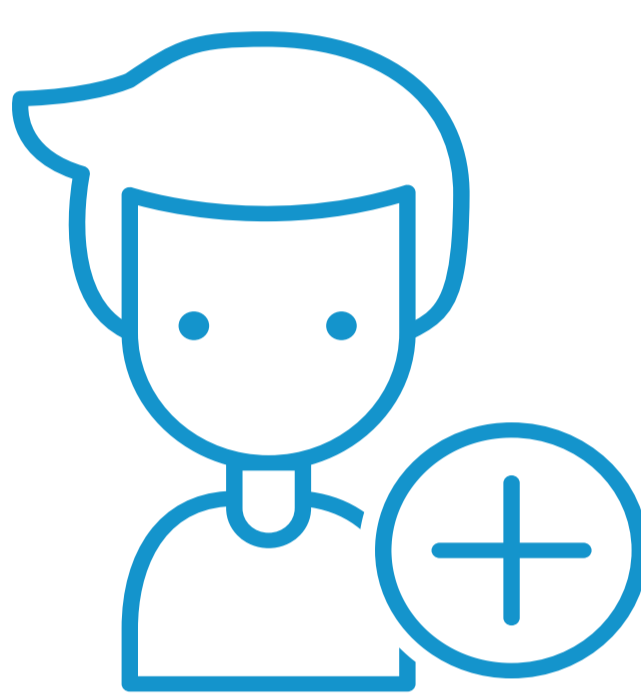


SHOULDER INJECTIONS



Common Conditions

- Osteoarthritis
- Tendinopathies
- Frozen Shoulder
- Bursitis
- Extra Joint Fluid



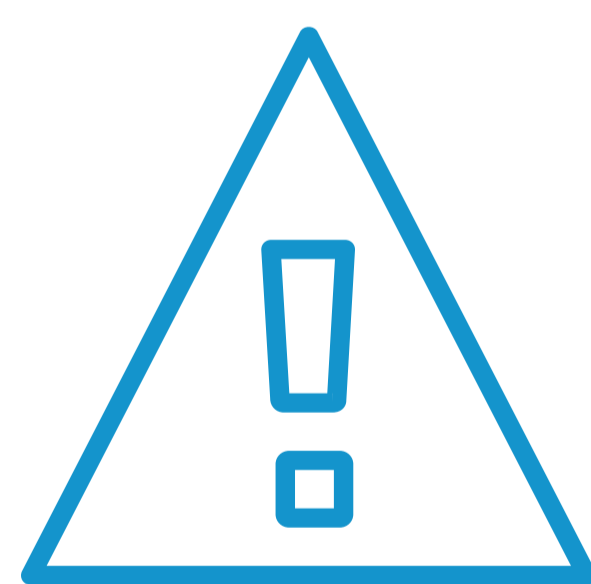
Uses

- Diagnosis
- Pain Relief
- Reduce Inflammation
- Improve Range of Motion and Function



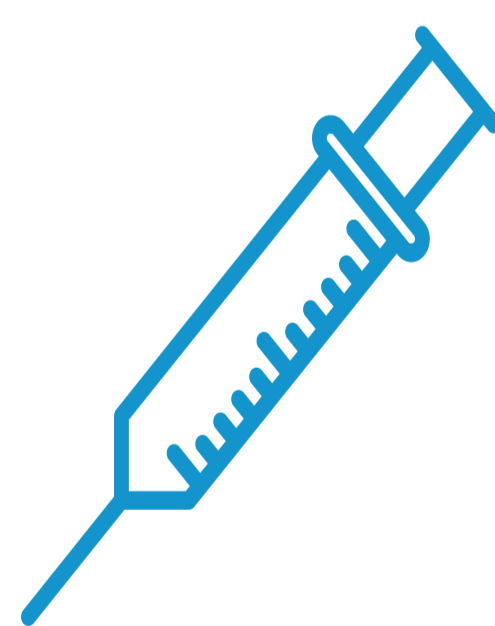
What to Expect

- Not a cure
- Not everyone responds
- Average response rates of 20-50%
- May last 3-6 months



Risks

- Bleeding
 - Infection
 - Increased pain
 - Nerve Damage
- (Very rare <1% of cases)



Injection Options

- Steroids
 - Hyaluronic Acid
 - Fenestration
 - Calcific Barbotage
 - Arthrodistention
- (Ask about short and long term effects)



Other Potential Treatments

- Rehabilitation
- Therapy
- Surgery



Notes

Limited data on regenerative medicine
Use Xray or Ultrasound where possible