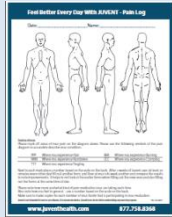
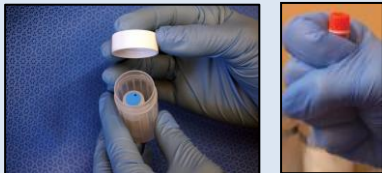


Injection Protocol

- 1) Receive Physician Consultation
- 2) Schedule Injection Date, Collect 1st Payment to cover Ordering Product
- 3) Determine Timing of Juvent Start, Injection Day or Week Prior
- 4) Fill out Pain Log Form



- 5) Locate / Order Supplies
 - ✓ Make sure Lidocaine or Marcaine has NO PRESERVATIVES
 - ✓ ReGen Anu Rheo
 - ✓ ClotMaster Hula Cup
 - ✓ Double Female Luer Lock
 - ✓ Syringes
 - ✓ Needles
 - ✓ Sterile Towels and Gloves
 - ✓ Juvent for Patient
- 6) Set Up Sterile Staging Area in Injection Room
 - ✓ Sterile Towel
 - ✓ Sterile Gloves – Surgeon’s Size
- 7) Thaw out ReGen Anu Rheo (Do Not Shake Vial)

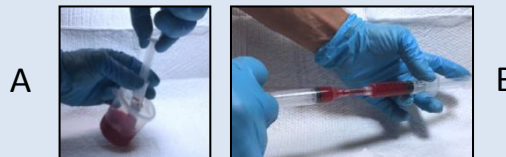


- 8) Patient Arrives, Draw 10cc (or determined) Blood

- 9) Place into Hula Cup
- 10) Mix in Hula Cup for 1 minute (if blood thinners or Aspirin – 3 minutes) – Let Hula Cup Set for 10 Minutes



- 11) Ready Injection Site
 - ✓ Prep Area to be Injected
 - ✓ Inject Lidocaine without Preservatives
 - ✓ Using Guidance System Direct Needle to Joint Site for Delivery of Biological Mixture
- 12) Make sure ReGen Anu Rheo is completely thawed – Warm to Body Temperature
- 13) For Hip or Knee Joint
 - ✓ Using a Sterile 20ml Syringe and a Double Female Luer Lock, Draw 5-9cc of Fibrin Matrix from Hula Cup (Fig. A)
 - ✓ Connect Double Female Luer Lock Connector to a Second Sterile 20ml Syringe
 - ✓ Begin Passing Fibrin Matrix between Syringes (Approximately 10 passes) to break Fibrin matrix into Smaller Chains so it can be Injected through a 20-22cc Gauge Needle (Fig. B)



- 14) After Mixing Fibrin Matrix, Place Entire Fibrin Matrix into one of 2 Syringes
 - ✓ Disconnect Empty Syringe
 - ✓ Place 18 Gauge Needle onto Empty Syringe to draw ReGen Anu Rheo into Empty Syringe



- ✓ Remove 18 gauge needle
- ✓ Re-Connect Syringe to Double Female Luer Lock Connector and transfer Fibrin Matrix into Syringe with ReGen Anu Rheo Contents
- ✓ Remove Double Female Luer Lock Connector from Filled Syringe
- ✓ Place a 20-22 Gauge Needle onto Syringe with Fibrin Matrix and ReGen Anu Rheo Mixture
- ✓ Gently Rock Syringe End to End to Thoroughly Mix Contents Together

- 15) Continue Ricochet Therapy for 6 Days



- 16) Recommend Patient to Gradually Increase 5-10 minutes Per Day on Juvent Health System until up to 20 minutes Per Day



For More Information Contact:
 Universal Medical Products
 419-872-0911



Blood Draw Supplies

- ✓ 3 - Alcohol Prep Pads
- ✓ 1 - Betadine Swab Stick
- ✓ 1 – 20ml Syringe
- ✓ 1 - 21 Gauge Needle
- ✓ 1 - Pack of Size Sterile Gloves
- ✓ 1 - Band-Aid
- ✓ 1 - Pack Sterile Gauze

Injection Preparation

- ✓ 1 – Sterile Towel
- ✓ 1 – Physician’s Gloves
- ✓ 2 – 20ml Sterile Syringes
- ✓ 2 – 21 Gauge Needles
- ✓ 1 – 18 Gauge Needle
- ✓ 1 – Hula Cup
- ✓ 1 – Female Double Luer
Lock Connector
- ✓ 1 – Amnio Material
- ✓ 1 – 11 Minute Timer
- ✓ 1 – Alcohol Prep Pad
- ✓ 1 – Betadine Swab Stick
- ✓ Local Numbing Agent, Lidocaine
or Marcaine **without** Preservative