

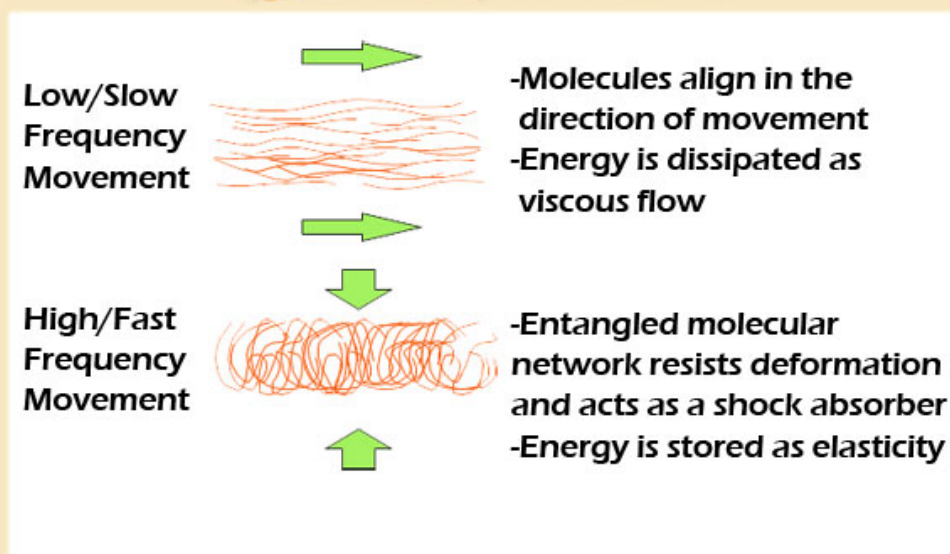


Patient Resources

Injections for Arthritic Knees – Viscosupplementation

- Osteoarthritic synovial fluid has reduced elasticity and viscosity, reduced molecular weight and reduced hyaluronan concentration.
- Viscosupplementation with Hyaluronan replaces and replenishes diseased synovial fluid with a temporary synovial fluid prosthesis that has long-term clinical benefits.

Synovial Fluid Response to Movement

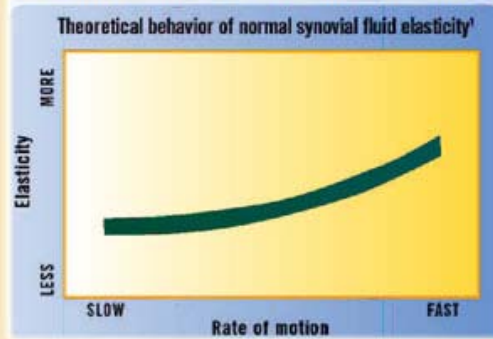


SYNVISC(r) (hylan G-F 20)

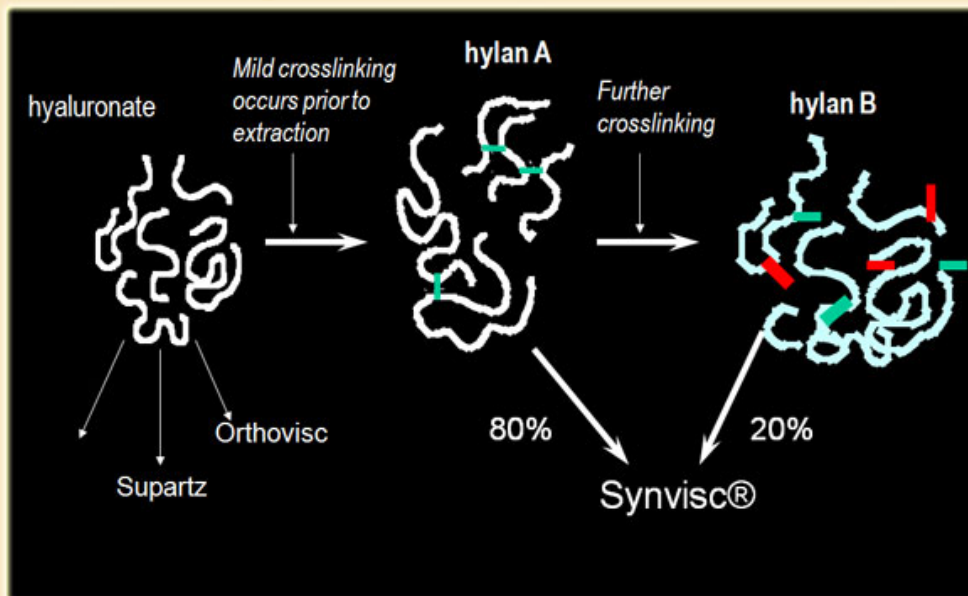
- Elastoviscosity similar to that of the synovial fluid of healthy 18- to 27-year-olds
- Designed as a synovial fluid prosthetic device
- A series of 3 injections can provide OA knee pain relief for up to 6 months
- Generally demonstrated to be safe in clinical trials and clinical practice

Physical Basis for Viscosupplementation

Normal synovial fluid has relatively low elasticity at low shear, and becomes more elastic with higher shear^{1,2}



Viscosupplements Are Formulated From Hyaluronate or Derivatized Hyaluronate



Synvisc(r) Has a Higher Molecular Weight

Left: Supartz(r) (sodium hyaluronate)
 MW 0.6-1
 Center: Synvisc(r) (Hylan G-F 20)
 hylan A MW 6 million
 Right: Hyalgan(r) (sodium hyaluronate)
 MW 0.5-0.7



Please note that the information contained herein is for general medical information only. If you have any specific medical condition or queries, please **consult** your medical doctor.

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