

Hyaluronic acid injection for knee osteoarthritis

Osteoarthritis

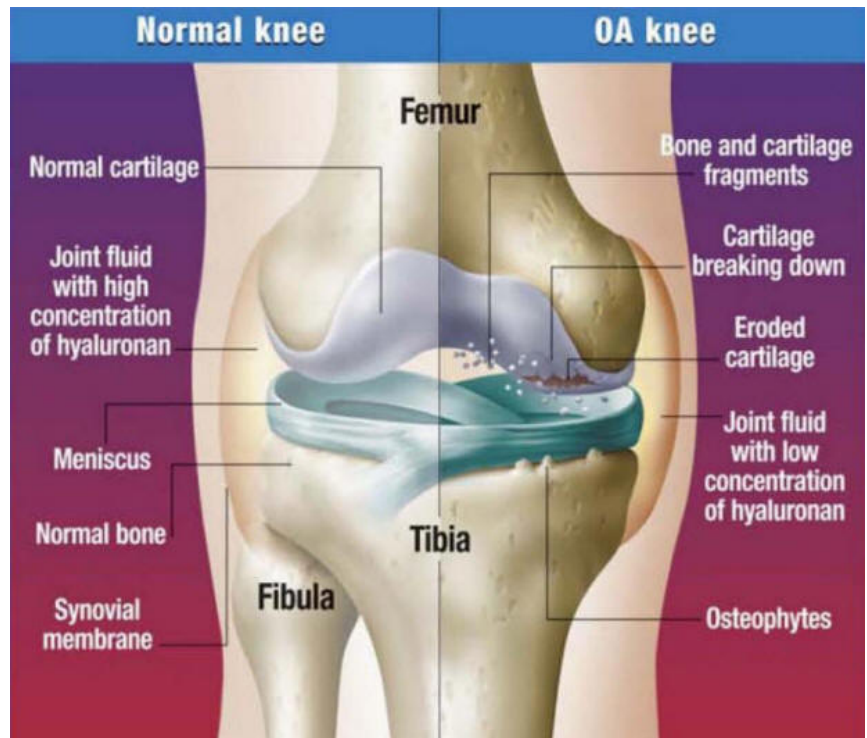
- Osteoarthritis (OA), the most common form of arthritis, affects more than 10% of the population
- It is slow in progression and results in severe disability

Hyaluronic acid

- Intra-articular use of hyaluronic acid (HA) has been approved in Japan and Italy since 1987, in Canada since 1992, in most of Europe since 1995, and in the United States since 1997
- OA joints contain synovial fluid that has become less viscous and less concentrated, and has a lower molecular weight. This means that it offers less shock absorption lubrication, and protection
- The joints contains synovial fluid consisting of HA

How it works

- Inhibit inflammatory mediators
- Decrease cartilage degradation
- Promote cartilage matrix synthesis
- Insulates synovial pain fibers, thus decreasing perception of pain
- Intra-articular HA stimulates synthesis of natural HA



Chiropractic Performance & Sports Therapy Centre

#120, 602 – 12th Avenue S.W Calgary, AB T2R 1J3 ph: (403) 225-3842 fax: (403)225-3914

www.chiropracticperformancecentre.ca