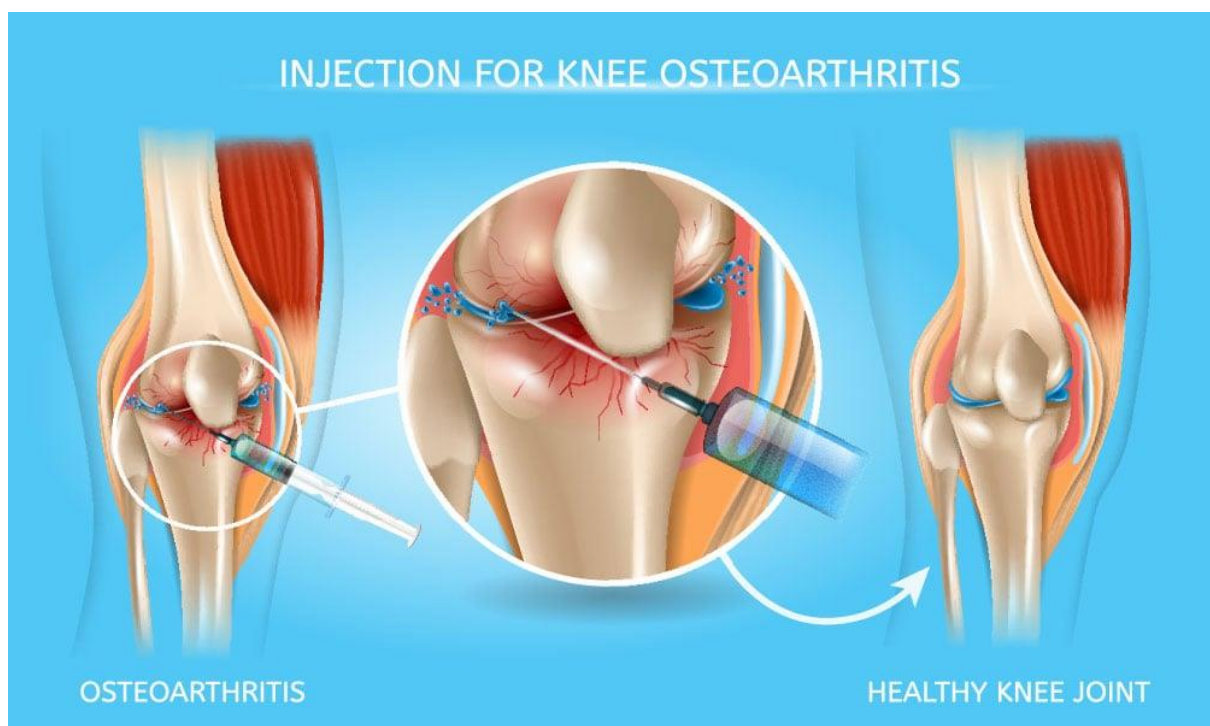
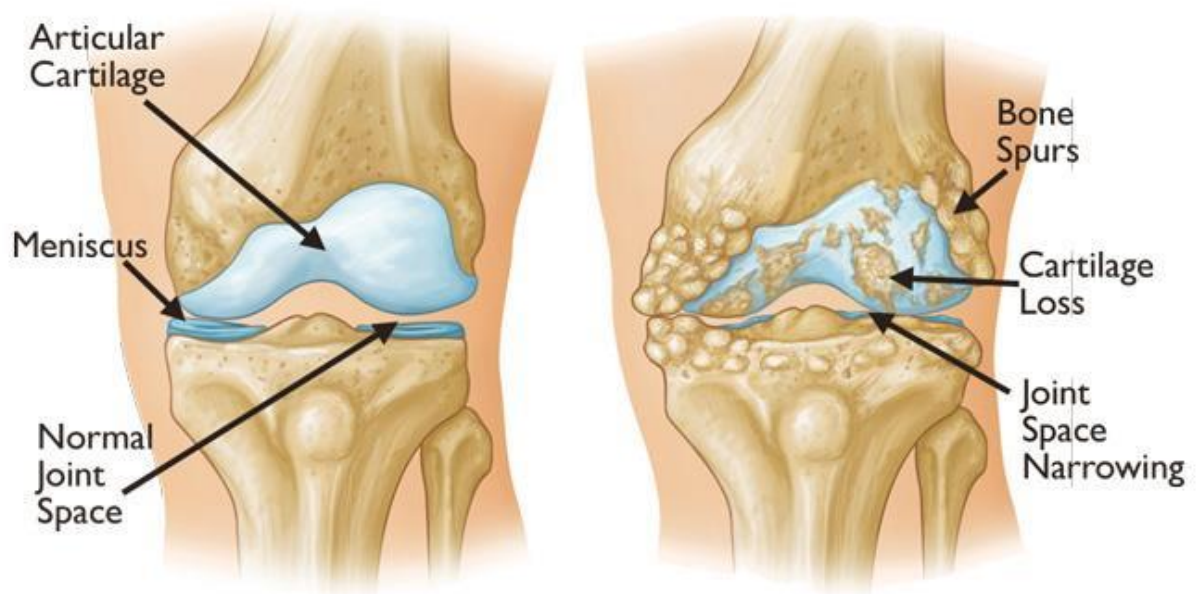


## Hyaluridase injection in knee arthritis



## Hyaluronidase Injections ?

**Hyaluronidase** is an biological enzyme which works to break down **hyaluronic acid (HA)** in the synovial fluid. By reducing the viscosity of HA, it improves tissue permeability and fluid movement.

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### Why is it used in knee arthritis?

- To decrease **synovial fluid viscosity**
  - **To improve the diffusion of steroid injections**
  - **To decrease the adhesions in the**
- 

### Current Standing

- **Short-term symptom relief** (pain, stiffness) has been reported
- **Not included** in major international OA guidelines as a standard treatment

### Advantages

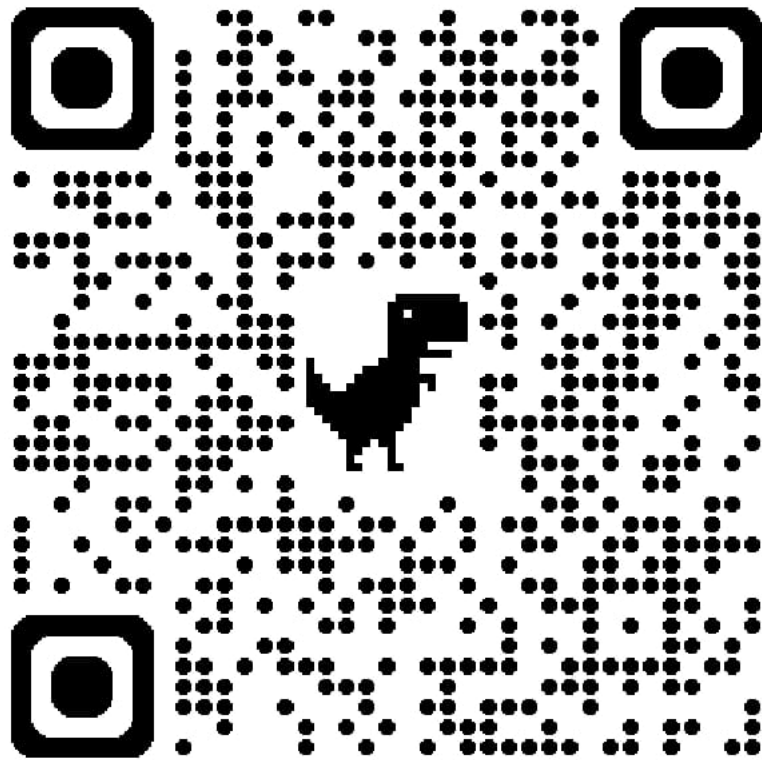
- Faster dispersion
- May help in **viscous effusions** or **post-inflammatory stiffness**
- Low cost compared to PRP injection

### Limitations & concerns

- Effect may be **short-lived**
- Potential local reactions (pain, swelling)
- It may offer **temporary symptomatic relief** in select patients
- **Corticosteroids, PRP, and exercise-based therapy** have stronger roles depending on patient profile



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