

# OSTENIL®

OSTENIL® is an isotonic solution of highly purified hyaluronan (sodium hyaluronate) developed specifically for the treatment of osteoarthritis.



*Long-term relief in OA*

## ✓ Reduce Pain

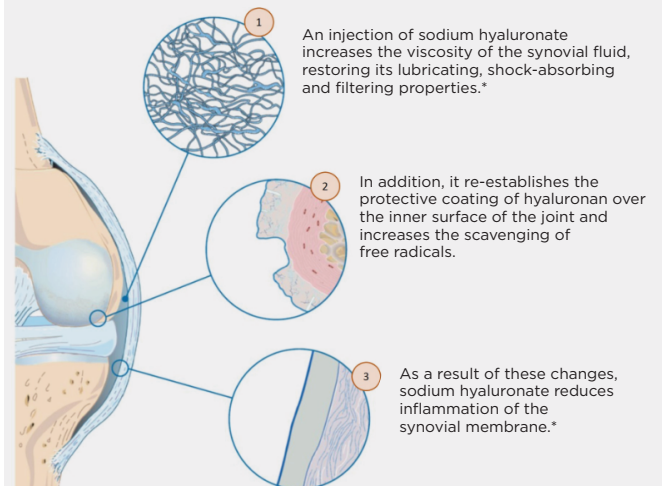
Contains 20mg / 2ml sodium hyaluronate and is administered intra-articularly as a course of three to five weekly injections.

The beneficial effects of OSTENIL® develop gradually during a course of injections and persist for several months. Following a course of 3-5 injections, symptomatic improvement can be expected to last for up to 12 months.

## ✓ Improve Function

### Effect of Sodium Hyaluronate Injections

What happens in the synovial joint after an injection with sodium hyaluronate?



**OSTENIL® Plus**, like the standard version of **OSTENIL®**, is an isotonic solution of highly purified sodium hyaluronate (or hyaluronic acid) developed specifically for the treatment of osteoarthritis.

  
**20mg / 2ml**

**OSTENIL® provides long-lasting pain relief and improves function in knee OA patients, with excellent tolerability**

- Treatment cycle of 3-5 weekly injections into large joints.
- In patients suffering from hip OA, a treatment cycle of 3 weekly injections of OSTENIL® is effective in reducing pain over 12 months compared to lidocaine.
- Reduces pain and improves function in patients with advanced OA of the shoulder, who either refuse or are considered medically unfit for shoulder replacement surgery.

The novel formulation of **OSTENIL® Plus** utilises the combination of high concentration of sodium hyaluronate + mannitol. This formulation offers the option to reduce the number of SH injections to only one injection per treatment cycle.

  
**40mg / 2ml**

**One injection of OSTENIL® PLUS reduces pain and improves function in knee OA over a period of at least 6 months.**

- Mannitol-stabilised high dose HA 2%. Mannitol acts as a free radical scavenger which protects HA from rapid depolymerisation.
- The formulation offers the possibility of increasing the intervals between injections
- Sustained efficacy with reduced number of injections (1-3).

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