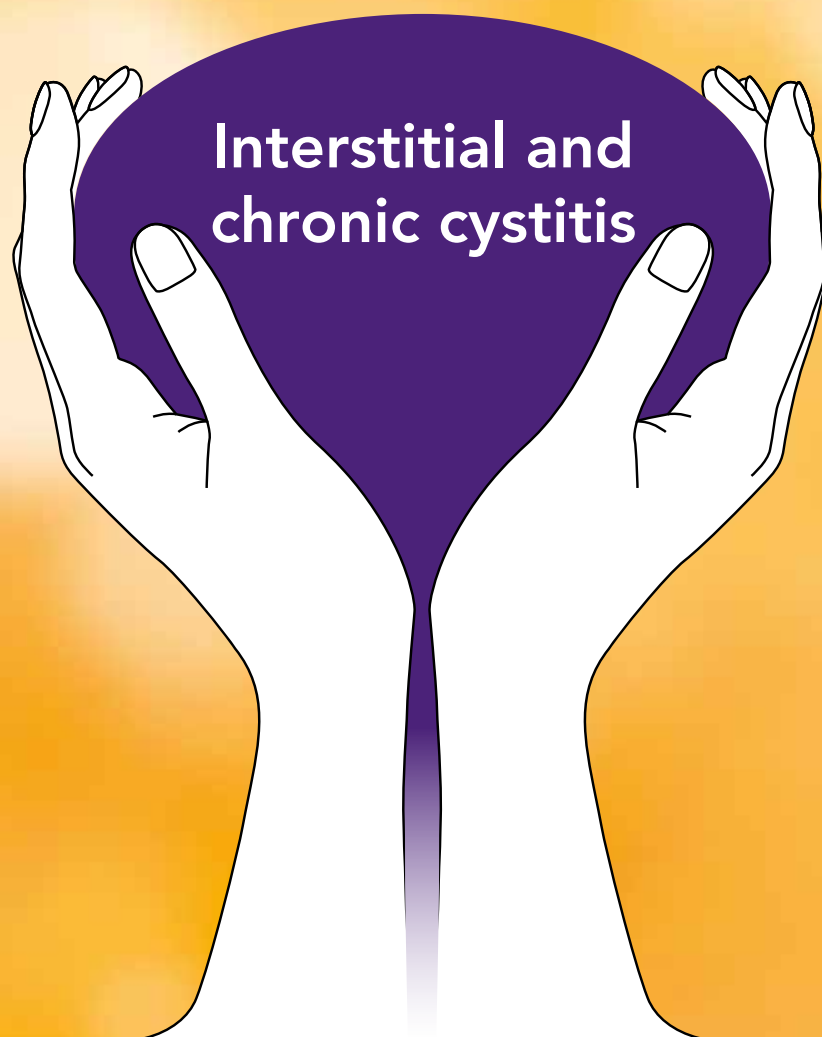




FARCO



Have you heard about the  
2-component protection  
for the bladder wall?



**Instillamed®**

2-Component Protection  
for the Bladder Wall

# What is special about Instillamed®?

## 2-component protection for the bladder wall

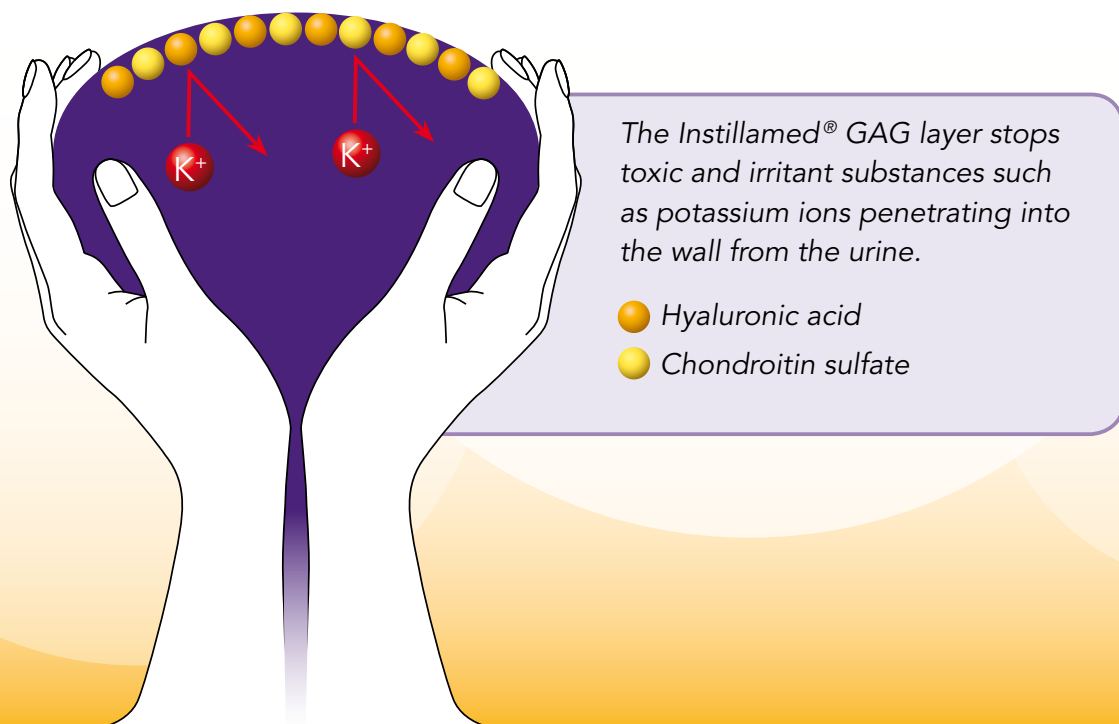
Instillamed® is an instillation therapy containing two natural components for the therapy of chronic cystitis:

- 800 mg hyaluronic acid
- 1000 mg chondroitin sulfate

The 2-component protection of Instillamed® is available as a fixed combination in a sterile disposable pre-filled syringe.

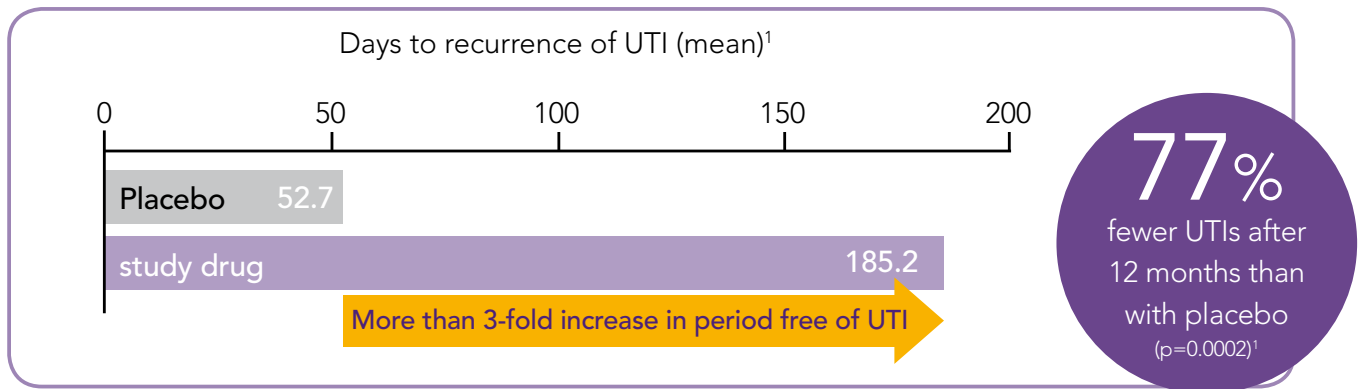
## Intensive regeneration of the GAG layer

Instillamed® is a medical device compensating for deficient hyaluronic acid and chondroitin sulfate. This is how Instillamed® provides an effective replacement for glycosaminoglycan (GAG) in the urinary bladder.



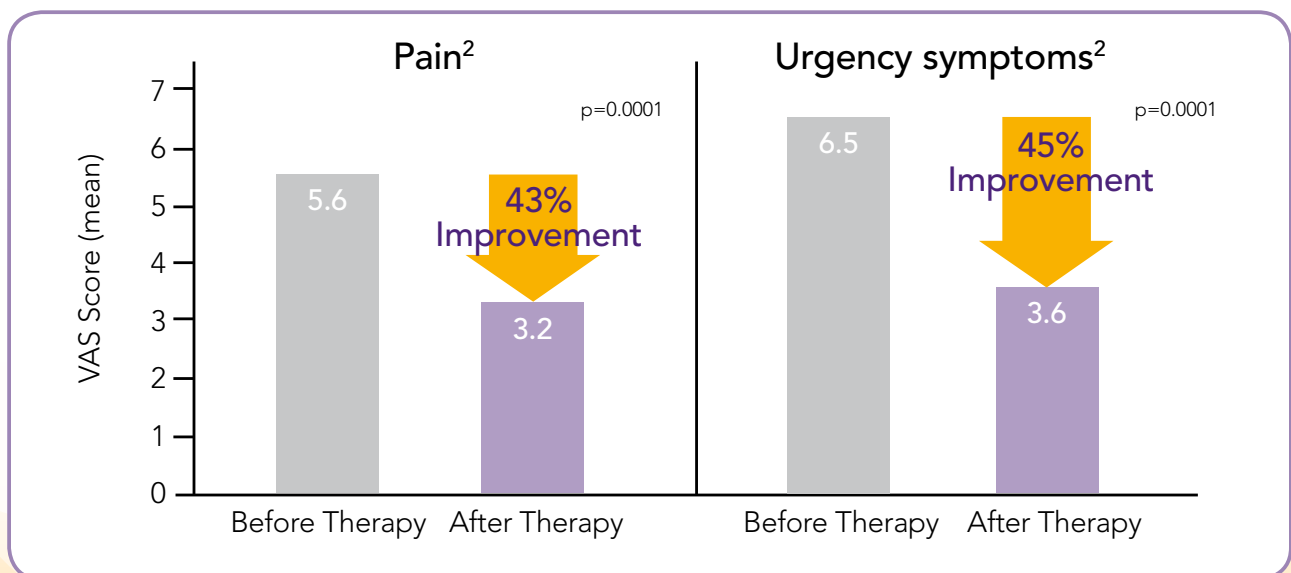
## What are the study results with combination products similar to Instillamed®?

### Distinct reduction in recurrent urinary tract infections (UTI) <sup>1</sup>



Damiano et al. found the use of a solution of chondroitin sulfate and hyaluronic acid similar to Instillamed®, a significant increase of a mean 133 days in the time to occurrence of the next UTI. After 12 months, the annual UTI rate in the active treatment group was significantly reduced by a mean 77% (p = 0.0002).<sup>1</sup>

### Significant decrease in pain and urgency symptoms<sup>2,3</sup>



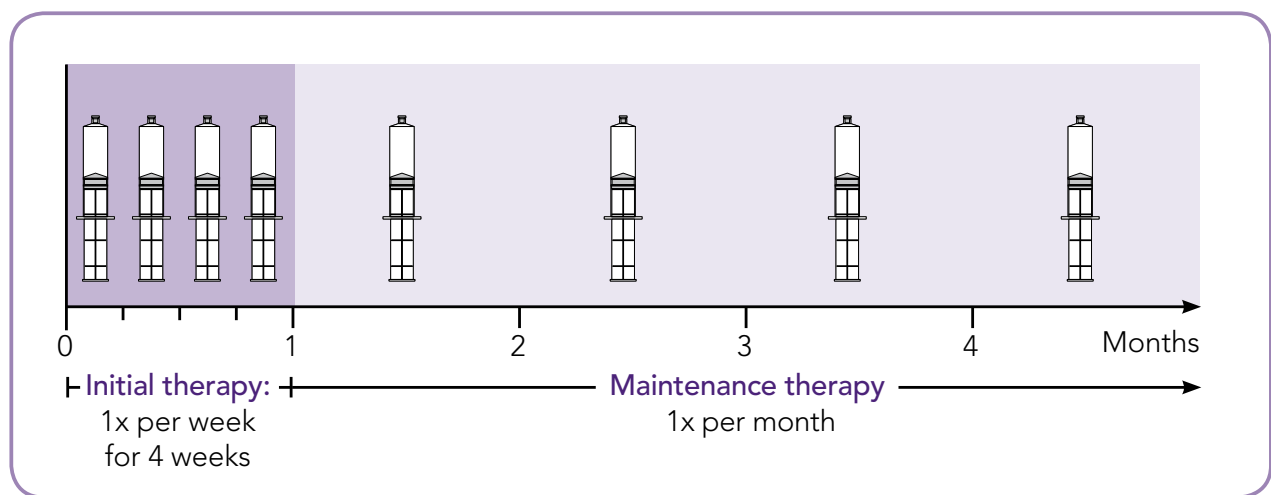
Porru et al. have demonstrated that a solution of chondroitin sulfate and hyaluronic acid similar to Instillamed® produce significant improvements in pain and urgency symptoms.<sup>2</sup> These results align to the outcome of another study published by Cervigni et al. in 2008.<sup>3</sup>

## How is Instillamed® used?

### With the safety adapter, handling couldn't be easier!

Instillamed® is supplied as a ready-to-use sterile solution in a disposable syringe. The enclosed safety adapter ensures that the Luer lock connector can be securely attached to all commercially available catheter models.

### Recommended treatment intervals



### Recommended exposure time

After instillation, Instillamed® should be retained in the bladder until the next urination. This should be for at least 30 minutes – or longer if possible.



With safety adapter

## When is Instillamed® used?

### Interstitial and chronic cystitis

Chronic cystitis means chronic suffering. **Urinary frequency, urinary urgency** and **burning pain** greatly impair quality of life - for life.

The symptoms are frequently seen in the following disorders:

- Chronic non-bacterial cystitis
- Recurrent bacterial cystitis
- Overactive bladder (OAB)
- Interstitial cystitis (IC)
- Radiation cystitis
- Painful bladder syndrome

Regardless the causative disorder, any long-term bladder inflammation can damage the protective layer of the bladder (GAG layer).



*Bladder with  
classic late-stage  
Hunner's lesion*



*Bladder with  
petechial bleeding  
in late-stage IC*

The most promising treatment method currently available is regenerating the GAG layer with instillation therapy. This was the conclusion in a health care study with 270 IC patients.<sup>4</sup>

<sup>1</sup> Damiano R, Quarto G et al. Prevention of recurrent urinary tract infections by intravesical administration of hyaluronic acid and chondroitin sulphate: a placebo-controlled randomised trial. Eur Urol 2011, 59, 645–651. <sup>2</sup> Porru D, Leva F et al. Impact of intravesical hyaluronic acid and chondroitin sulfate on bladder pain syndrome/interstitial cystitis. Int Urogynecol 2012, J 23, 1193–1199 (40 mL instillation with hyaluronic acid (1.6 %) and chondroitin sulphate (2 %); exposure time 1-2 h). <sup>3</sup> Cervigni M, Natale, F et al. A combined intravesical therapy with hyaluronic acid and chondroitin for refractory painful bladder syndrome/interstitial cystitis. Int Urogynecol 2008, J Pelvic Floor Dysfunct 19, 943–947 (40 mL instillation with hyaluronic acid (1.6 %) and chondroitin sulphate (2 %); exposure time 1h). <sup>4</sup> Jocham D, Fröhlich G et al. The care situation of patients with interstitial cystitis in Germany. Urologe 2013, 52:691-702 [Tab. 12].



# Instillamed®

2-Component Protection  
for the Bladder Wall

- Combination of two natural components:  
800 mg hyaluronic acid and 1000 mg chondroitin sulfate
- Intensive regeneration of the GAG layer
- Reduction in pain and urgency symptoms
- Easy handling with the safety adapter



Disposable syringe with  
50 ml chondroitin sulfate  
and hyaluronic acid solution

CE 0297

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**Composition:** 50 ml Instillamed® contains 800 mg sodium hyaluronate, 1000 mg chondroitin sulfate. **Contraindications:** Instillamed® should not be used in children under 12 years or in pregnant women, as there is no experience of use in these patients. **Manufacturer:** BioScience GmbH, Walsmühler Str. 18, 19073 Dümmer, Germany.