

**Gepan<sup>®</sup> instill**

Effective GAG-replenishment

## Treatment of the overactive bladder

**Sources:**

<sup>1</sup> Irwin DE et al.: Population-based survey of urinary incontinence, overactive bladder, and other lower urinary tract symptoms in five countries: results of the EPIC study. Eur Urol 2006; 50: 1306-1314

<sup>2</sup> Nordling J, van Ophoven A: Intravesical glycosaminoglycan replenishment with chondroitin sulphate in chronic forms of cystitis – a multi-national, multi-centre, prospective observational clinical trial. Arzneimittelforschung 2008; 58: 328-335

<sup>3</sup> Gauruder-Burmester A, Popken G: [Follow-up at 24 months after treatment of overactive bladder with 0.2% sodium chondroitin sulfate], Aktuel Urol 2009; 40: 355-359

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**Gepan<sup>®</sup> instill:** 40 ml sterile sodium chondroitin sulphate solution (0.2%) for instillation into the bladder. Medical Device for temporary GAG-replenishment. G. Pohl-Boskamp GmbH & Co. KG, 25551 Hohenlockstedt, Germany

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## Overactive bladder

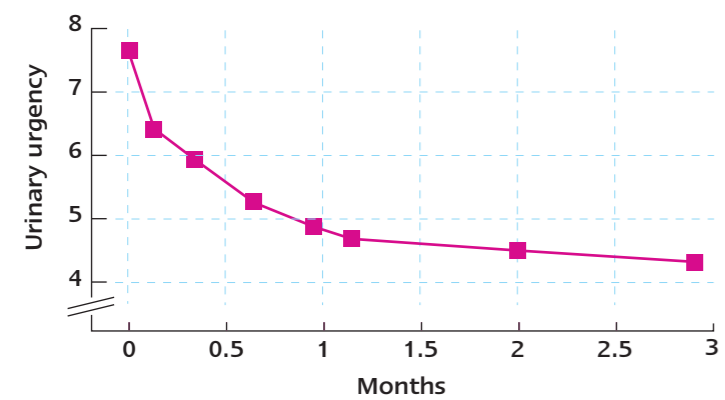
- Approx. 12% of the population suffer from an overactive bladder<sup>1</sup>
- Most frequent symptoms: imperative urinary urgency, high micturition frequency
- Therapy with anticholinergic agents is frequently inadequate

## Gepan® instill: Treatment satisfaction with overactive bladder

Multinational, multi-centre observational study with a total of 286 patients<sup>2</sup>

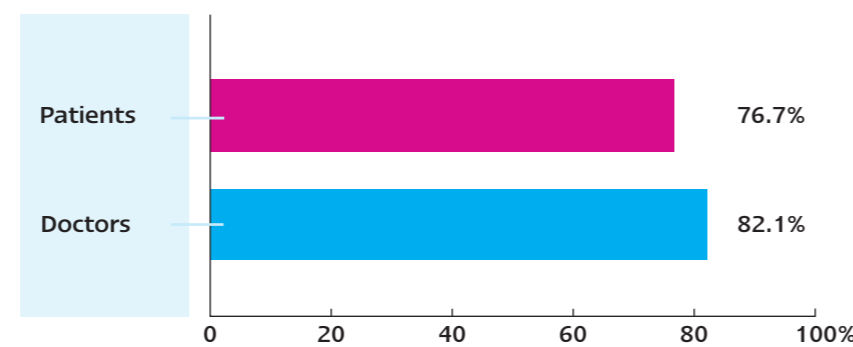
- 38 patients with overactive bladder
- 8 instillations of **Gepan® instill** over an observation period of approx. 3 months

Reduction of the cardinal symptom urinary urgency



On a scale of 0 to 10

Treatment satisfaction

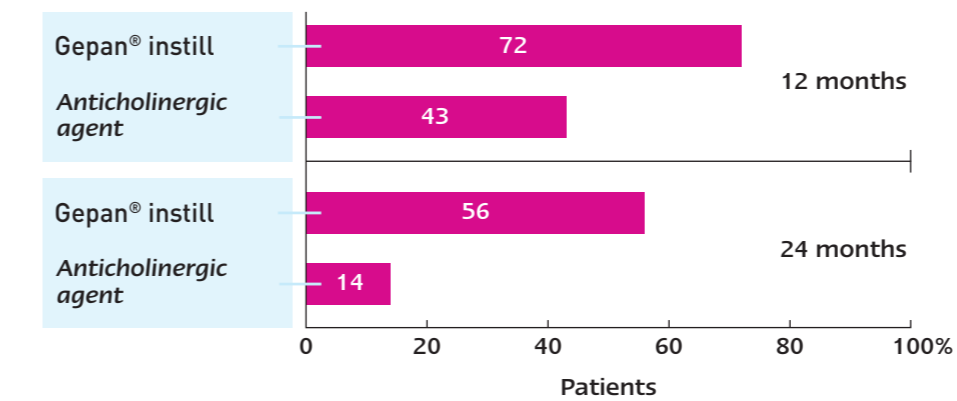


## Gepan® instill: Convincing results and sustained relief

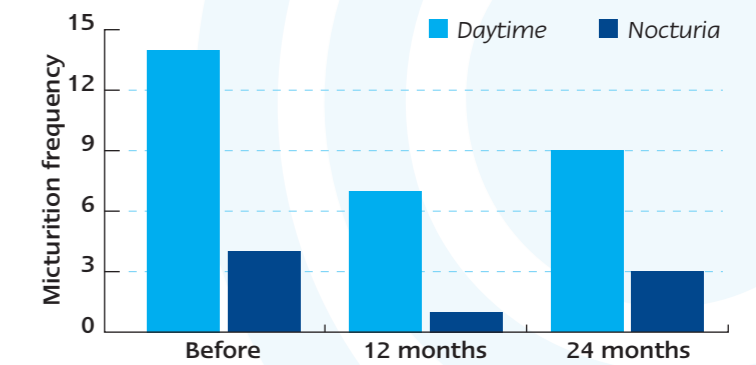
Randomised, controlled study with follow up<sup>3</sup>

- 35 patients: tolterodine tartrate (4 mg retarded)
- 32 patients: chondroitin sulphate (**Gepan® instill**)
- Duration of study 12 months, follow up examination after 24 months

Symptom improvement after 12/24 months (subjective rating)



Reduction of micturition frequency with Gepan® instill



## Summary

- Sustained relief from symptoms
- High level of treatment satisfaction for both doctor and patient
- Significant improvement in quality of life