



# BPH and sexual dysfunction

## **Sexual dysfunction is common from age 60 onwards**

Fifty percent of men between the ages of 60 and 69 can no longer achieve an erection or can achieve only a reduced erection (known as ED or erectile dysfunction.)

In the same age group, 49% state that they have no or only a reduced ejaculation.<sup>1</sup>

## **BPH = high risk of sexual dysfunction**

The main risk factor for erectile dysfunction is age followed by moderate or severe BPH symptoms – ahead of diabetes, high blood pressure and heart complaints.<sup>1</sup>

## **Sexual dysfunction during standard medical therapy**

The standard medical therapy for BPH can further exacerbate these sexual dysfunction. Up to 30% of patients taking alpha blockers have ejaculation disorders<sup>2</sup> and up to 38% of patients on 5- $\alpha$ -reductase inhibitors suffer from erectile dysfunction<sup>3</sup>. Men also repeatedly discontinue the standard therapy for BPH because of sexual dysfunction.<sup>4</sup>

**A.Vogel Sabalasan® Prostate 1 not only improves the symptoms of BPH, but a new clinical study has also shown that brings an improvement in all areas of sexual dysfunction.<sup>5</sup>**

<sup>1</sup>Rosen R, Altwein J, Boyle P, Kirby RS, Lukacs B, Meuleman E, et al. Lower urinary tract symptoms and male sexual dysfunction: the multinational survey of the aging male (MSAM-7). *Eur Urol.* 2003;44:637

<sup>2</sup>Carbone DJ, Jr., Hodges S. 2003. Medical therapy for benign prostatic hyperplasia: sexual dysfunction and impact on quality of life. *Int J Impot Res* 15(4): 299-306

<sup>3</sup>Erdemir F, Harbin A, Hellstrom WJ. 2008. 5-alpha reductase inhibitors and erectile dysfunction: the connection. *J Sex Med* 5(12): 2917-2924

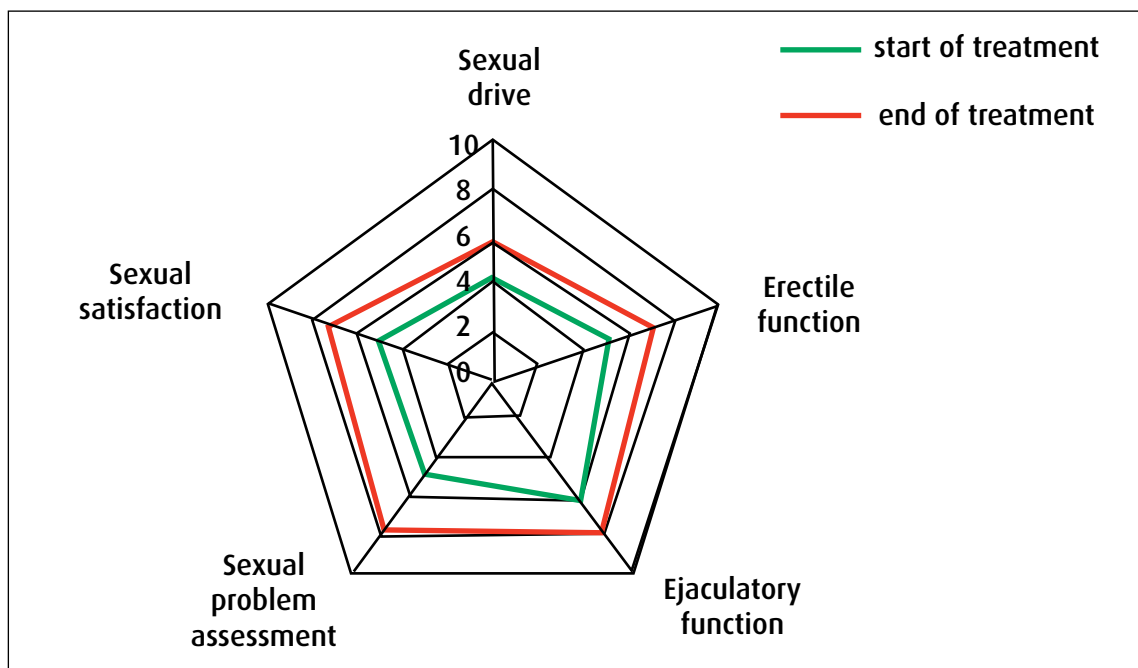
<sup>4</sup>Roehrborn CG. Lower Urinary Tract Symptoms, Benign Prostatic Hyperplasia, Erectile Dysfunction, and Phosphodiesterase-5 Inhibitors. *Rev Urol.* 2004 Summer; 6(3): 121-127

<sup>5</sup>Suter A, Saller R, Riedi E, Heinrich M. Improving BPH symptoms and sexual dysfunctions with a saw palmetto preparation? Results from a pilot trial. *Phytother Res.* 2012 Apr 23. doi: 10.1002/ptr. 4696.

# Sabalasan<sup>®</sup> Prostate 1: Clinical study on sexual dysfunction

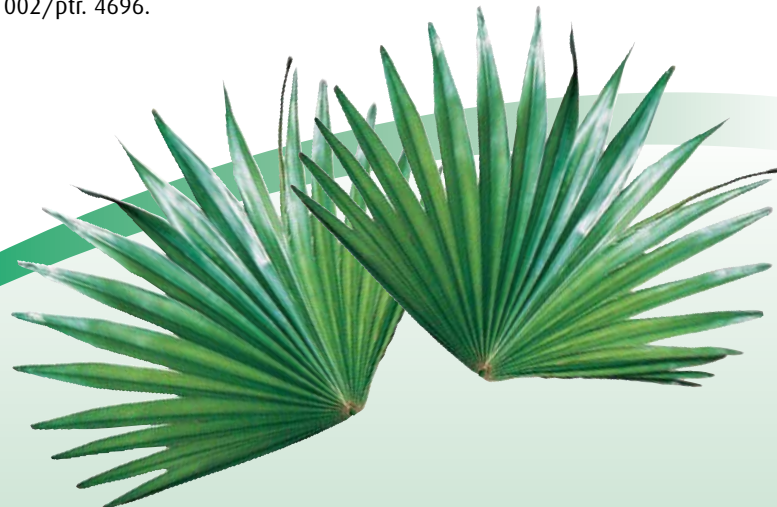
## Results of the brief Sexual Function Inventory score (bSFI)<sup>1</sup>

The bSFI comprises 11 questions in 5 areas.



In all areas of the bSFI test, a significant improvement was achieved after 8 weeks of treatment.

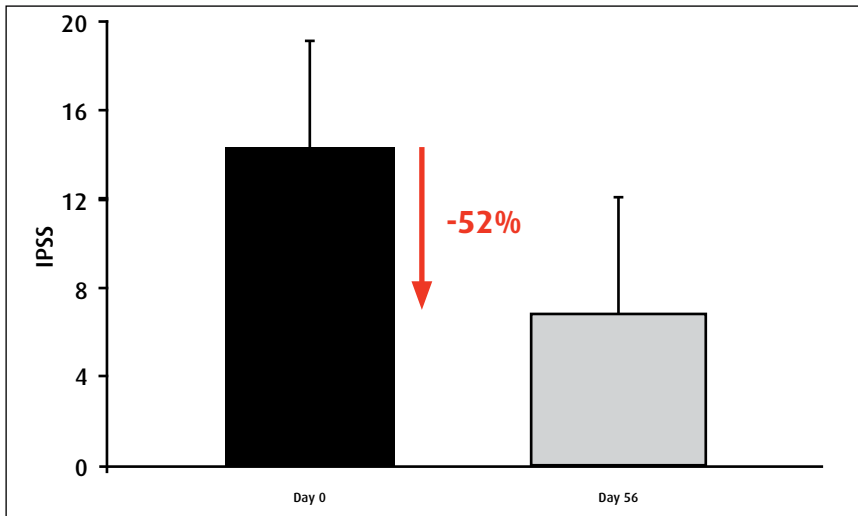
<sup>1</sup>Suter A, Saller R, Riedi E, Heinrich M. Improving BPH symptoms and sexual dysfunctions with a saw palmetto preparation? Results from a pilot trial. *Phytother Res.* 2012 Apr 23. doi: 10.1002/ptr. 4696.





# Sabalasan® Prostate 1 improves BPH symptoms

Improvement in IPSS (International Prostate Symptom Score)<sup>1</sup>



The BPH symptoms decreased by half from 14.4 (= moderate symptoms) to 6.9 (= mild symptoms) after 8 weeks of treatment with A.Vogel Sabalasan® Prostate 1.

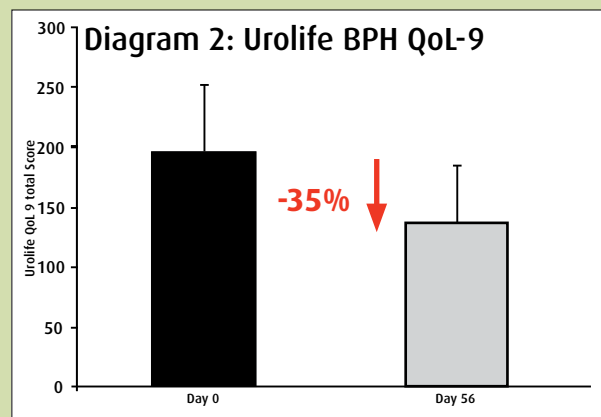
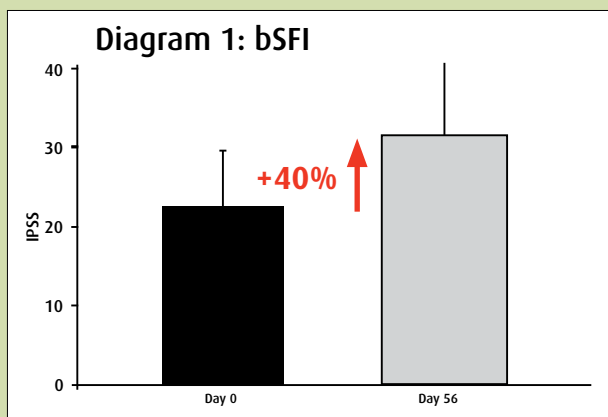
<sup>1</sup>Suter A, Saller R, Riedi E, Heinrich M. Improving BPH symptoms and sexual dysfunctions with a saw palmetto preparation? Results from a pilot trial. *Phytother Res.* 2012 Apr 23. doi: 10.1002/ptr. 4696.





# Sabalasan<sup>®</sup> Prostate 1 improves sexual dysfunction

Improvement in bSFI (brief Sexual Function Inventory) and Urolife BPH Quality of Life-9 total scores<sup>1</sup>



The total score on the brief Sexual Function Inventory improved by 40% and the results of the Urolife Quality of Life Score by 35% after 8 weeks of treatment with A.Vogel Sabalasan<sup>®</sup> Prostate 1.

Therapeutic benefits for the user:

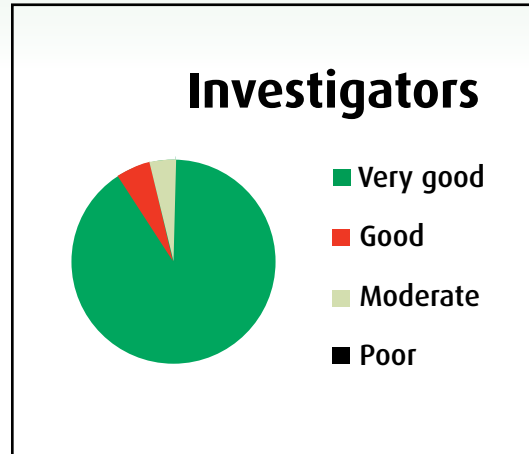
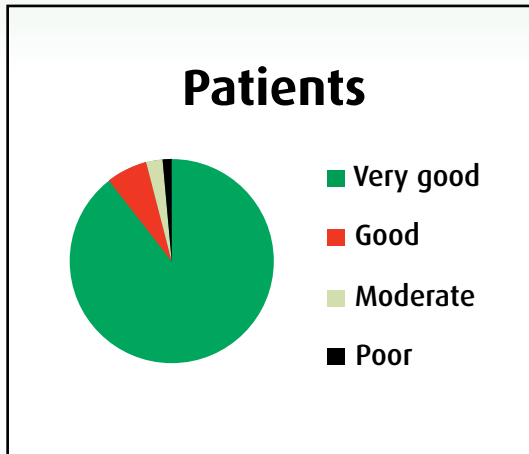
- Significant improvement in BPH symptoms
- Significant improvement in all areas of sexual dysfunction
- Significantly higher quality of life

<sup>1</sup>Suter A, Saller R, Riedi E, Heinrich M. Improving BPH symptoms and sexual dysfunctions with a saw palmetto preparation? Results from a pilot trial. *Phytother Res.* 2012 Apr 23. doi: 10.1002/ptr. 4696.



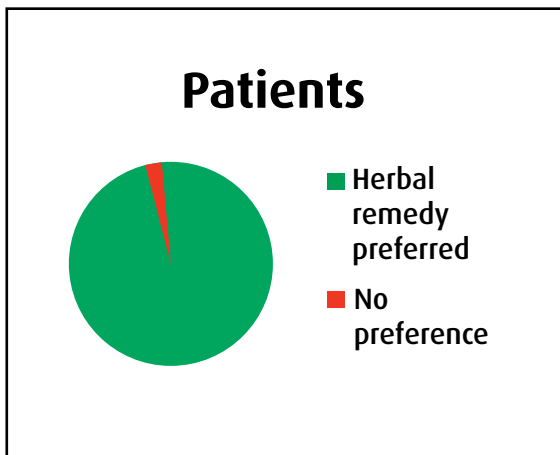
# Sabalasan<sup>®</sup> Prostate 1 well tolerated

## Excellent tolerability<sup>1</sup>



96.1% of patients and investigators rated the tolerability as "very good" or "good."

## Herbal remedies preferred<sup>1</sup>



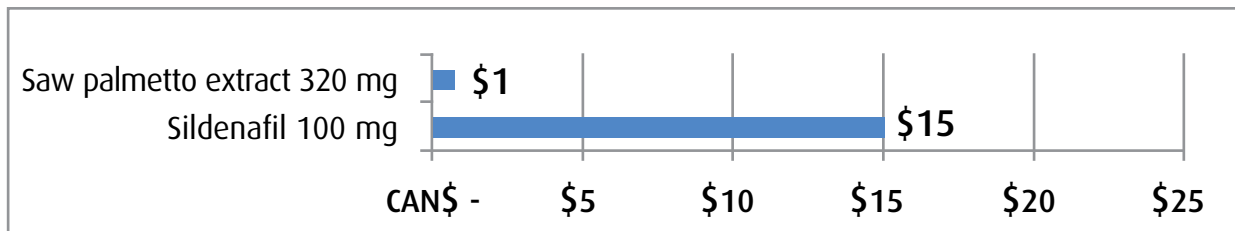
97% of patients would prefer a herbal to a synthetic remedy with the same efficacy and tolerability.

<sup>1</sup>Suter A, Saller R, Riedi E, Heinrich M. Improving BPH symptoms and sexual dysfunctions with a saw palmetto preparation? Results from a pilot trial. *Phytother Res.* 2012 Apr 23. doi: 10.1002/ptr. 4696.



# Sabalasan<sup>®</sup> Prostate 1 is also cost-effective

**Comparison of daily cost of treatment in Canada, sildenafil (Viagra<sup>®</sup>) and saw palmetto extract (Sabalasan<sup>®</sup> Prostate 1)<sup>1</sup>**



Therapeutic benefits for the user:

- Comparable efficacy to standard medical therapy with outstanding tolerability
- The vast majority of men prefer herbal remedies
- Good compliance: only 1 capsule Sabalasan<sup>®</sup> Prostate 1 orally per day
- Economical, non-prescription, available from pharmacies

<sup>1</sup>Suter A, Saller R, Riedi E, Heinrich M. Improving BPH symptoms and sexual dysfunctions with a saw palmetto preparation? Results from a pilot trial. *Phytother Res.* 2012 Apr 23. doi: 10.1002/ptr. 4696.

