

# ProstaLund CoreTherm®

## Information That Will Change Your Mind About TUMT

### FINALLY – a safe, in-office treatment for BPH sufferers – that works!

#### TIRED OF UNPREDICTABLE TREATMENT OUTCOMES?

The single most important factor that determines treatment outcome is knowing the prostate temperature. CoreTherm® is the only microwave device with a patented intraprostatic temperature sensor. A normal physiological response to the increase in tissue temperature is that the intraprostatic blood flow increases and acts as a potent cooler. Conversely, if the blood flow is very low, temperatures will go dangerously high without the doctor knowing it. The duration and degree of this response is highly individual and impossible to predict.

Shouldn't you know the prostate temperature **during** treatment and be able to adjust the microwave power: increase the power when it's needed and decrease when the temperature is dangerously high. The CoreTherm® microwave device does exactly that. **Measures the temperature where it should be measured.** We are proud to set the new standard for how to do microwave treatment of BPH in your office.

#### TREATMENT TAILORED TO EACH INDIVIDUAL PATIENT AND PROSTATE

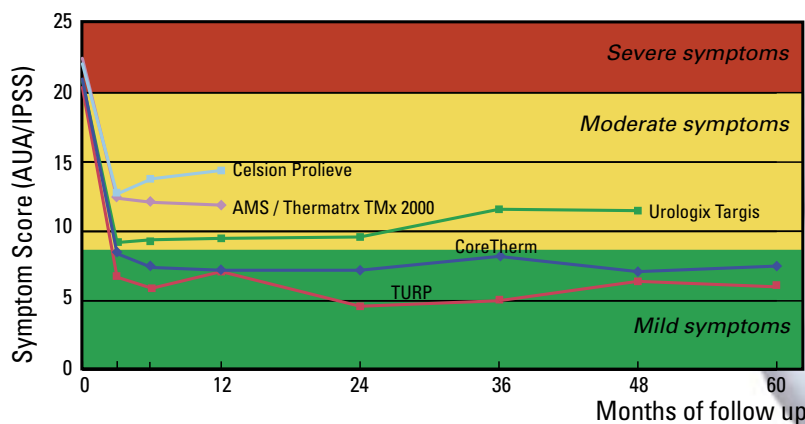
Patients suffering from BPH are not all the same. Prostates differ in size, in blood flow and how they react to heat. With CoreTherm®, urologists have the ability to adjust the tissue ablation and treatment time based on how the prostate reacts. This is why the widest range of patients can be treated using the CoreTherm® device. Most treatments can be completed in as quickly as 10–20 minutes. You will get a safe and efficient treatment, with long lasting results.

#### CONTINUOUS INTRAPROSTATIC TEMPERATURE MONITORING

The principle behind CoreTherm® is that heat is provided by microwave energy. ProstaLund has developed a unique, patented method for measuring the actual core temperature of the prostate. This is achieved with the use of an *intraprostatic temperature probe*, which is inserted into the prostate via a treatment catheter. The urologist can monitor the intraprostatic temperature on a computer screen during the treatment session. Blood flow in the prostate is also calculated and monitored.

#### CELL KILL

Through the continuous measurement of temperature in the prostate, CoreTherm® also calculates the extent of cell kill in real time. Cell kill can be estimated through the known relationship between the temperature in the tissue and the period the tissue is exposed to a certain temperature. An estimate of progressive necrosis in the tissue is shown continuously during the treatment. This information helps the doctor to determine when the treatment is finished.



**Data from 5 year clinical studies\* shows you cannot find a more effective, minimally invasive treatment for BPH.**

\* Wagrell et al, Urology 64: 698-702, 2004;  
Trock BJ et al, Urology 63: 716-721, 2004;  
FDA on Thermatrix: Summary of safety and effectiveness data;  
FDA on Prolieve: Summary of safety and effectiveness data

#### TURP-LIKE RESULTS

Clinical results show that CoreTherm® is the only TUMT device that creates TURP-like results. Our data comes from an FDA-controlled, prospective, randomized multi-center study comparing CoreTherm® and TURP. The durability of the procedure is unparalleled when compared to other TUMT technologies based on 60 months follow up.

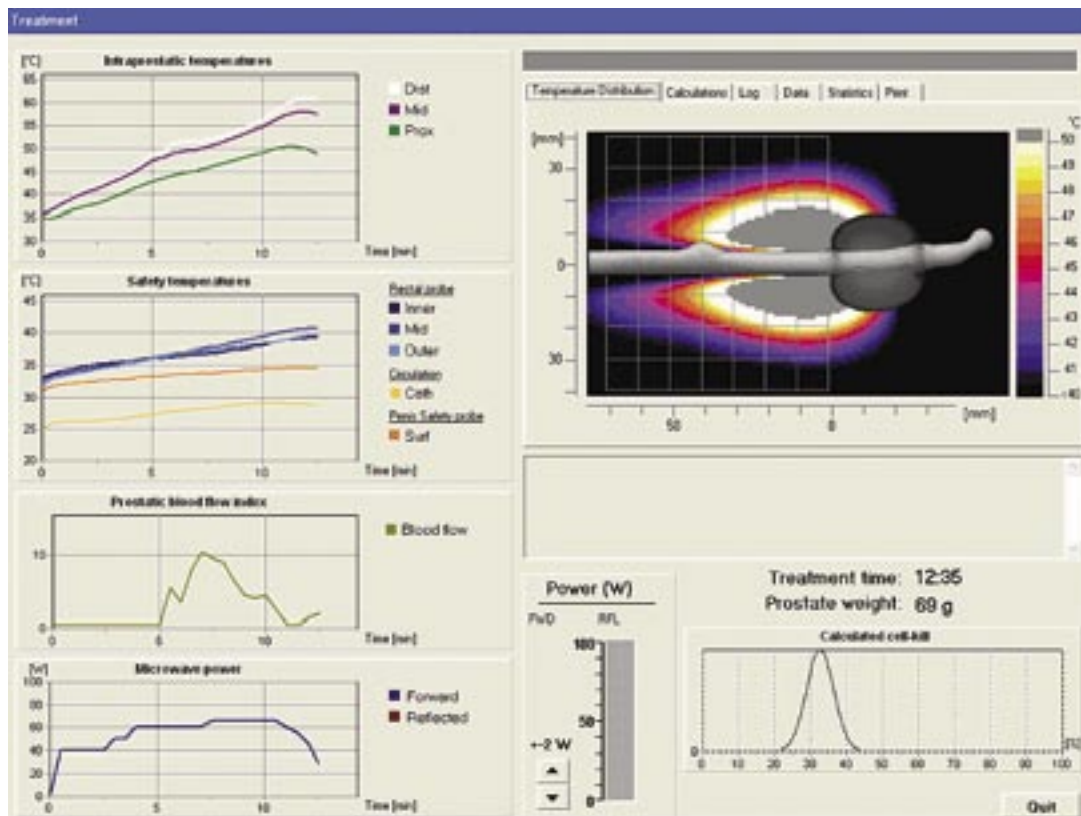
Before treatment, the urologist specifies a treatment target – such as 30% reduction in prostate volume. Treatment proceeds until the target is reached, usually after as little as 10-20 minutes. After treatment the patient can go home.



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**CoreTherm® is the only microwave treatment that offers:**

- Intraprostatic temperature measurement
- Cell kill estimates for accurate ablation control
- Individualized treatment for each patient
- Fast treatment, typically 10-20 minutes

*By using the intraprostatic temperature measurement and cell kill calculations, CoreTherm® enables the urologist to individualize the treatment for each patient and thereby improve safety and efficacy. As an additional safety feature, the temperature in the rectum and at the surface of the penis are also measured and monitored.*

*The CoreTherm® is the only microwave treatment for BPH that achieves TURP-like efficacy with a unique Feedback Technology, giving Urologists control of patient outcomes and satisfaction.*

**FOR MORE INFORMATION CONTACT:**



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