

**7** countries



**37** physicians

**18** hospitals

**4** months

**78** Stone cases tracked

**31** BPH cases tracked

## **DORNIER THULIO**

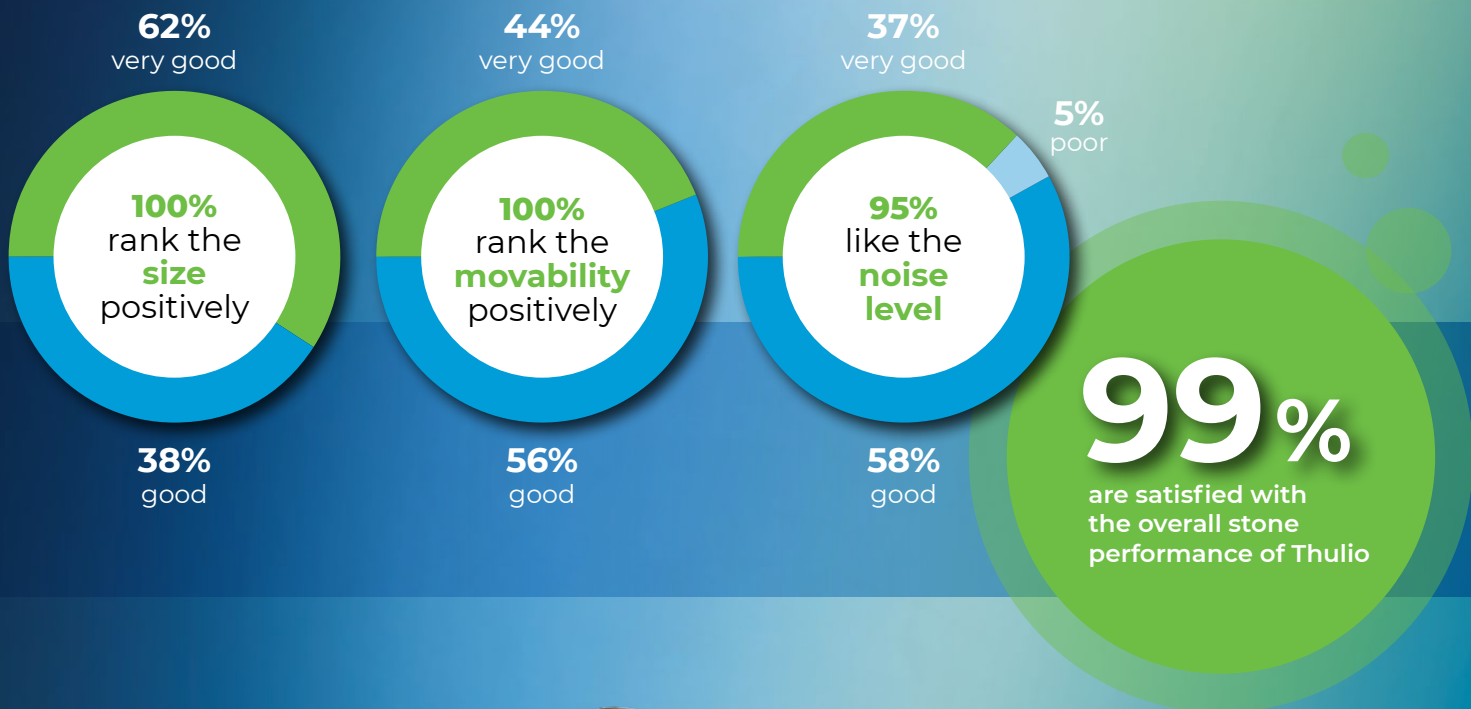
An insight  
into first user  
experiences



**Dornier MedTech**

# 100% Satisfaction

with overall handling of Thulio®



**Dr. Taily, Urologist**  
University Hospital Ghent, Belgium

“ The Dornier Thulio is **by far the most exciting endourology product** to have recently entered the market.



The Thulio performs exceptionally well and certainly **does it all, - dusting, fragmenting, tissue incision, tissue ablation and enucleation.** Just try it.

**Dr. De Marco, Urologist**  
Villa Betania, Rome, Italy

“ Dornier’s Thulio is truly outstanding when it comes to **power and efficiency.**



I love the fragmenting power of the Thulio, and **the Captive mode reduces retropulsion notably for smoother procedures.** I will now be able to provide more efficient treatments for my patients.

**Dr. Chaloupka, Senior Physician**  
LMU, Munich, Germany

“ Dornier’s Thulio offers **excellent versatility in stone treatment**, capable of supporting the precise cutting, shaping, dusting, and fragmentation of stones.



The **Captive Fragmenting Mode** enables focused stone fragmentation with **no visible retropulsion**, and the dusting mode creates **minimal dust fragments even while working at exceptional speeds.**

The Thulio is **highly compact and effective.** With its **peak power**, the Thulio knows no limits - regardless of stone size or hardness, I can treat stones as I see fit.

# Stone Treatment

## Predominately selected modes and settings

Note: Parameters are presented in order of frequency of use (from left to right), and listed independently.



### Kidney - 43 cases

	PULSE ENERGIES (mJ)	FREQUENCY (Hz)
DUSTING (33%)	300 · 200 · 150 · 100	75 · 50 · 25
CAPTIVE FRAGMENTING (32%)	2000 · 1200 · 1500	10 · 5 · 15 · 20
FRAGMENTING (18%)	2000 · 1500 · 1200	15 · 5 · 10 · 25

### Ureter - 28 cases

	PULSE ENERGIES (mJ)	FREQUENCY (Hz)
DUSTING (43%)	300 · 100 · 200	50 · 75 · 25
CAPTIVE FRAGMENTING (36%)	1500 · 1000 · 1200	10 · 5 · 20

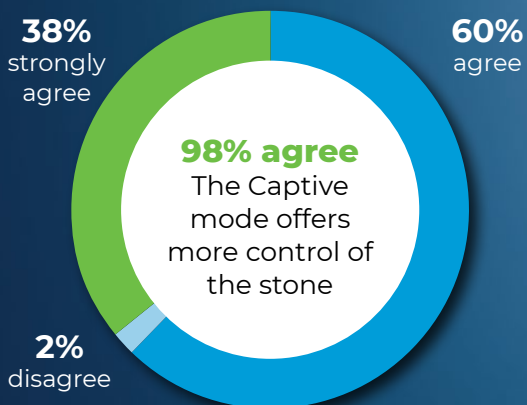
The median power did not exceed 10 W in the ureter.

### Bladder - 7 cases

	PULSE ENERGIES (mJ)	FREQUENCY (Hz)
DUSTING (33%)	100 · 300 · 500	75 · 25
CAPTIVE FRAGMENTING (44%)	1200 · 2000	10 · 15

## Captive® Fragmenting Mode

42 cases used Captive mode\*



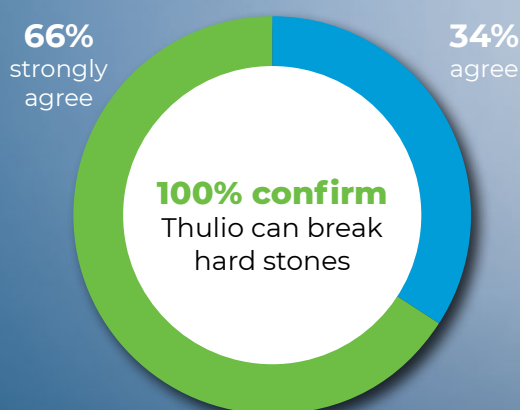
### Top used settings in Captive Fragmenting mode

Note: Parameters are presented in order of frequency of use (from left to right), and listed independently.

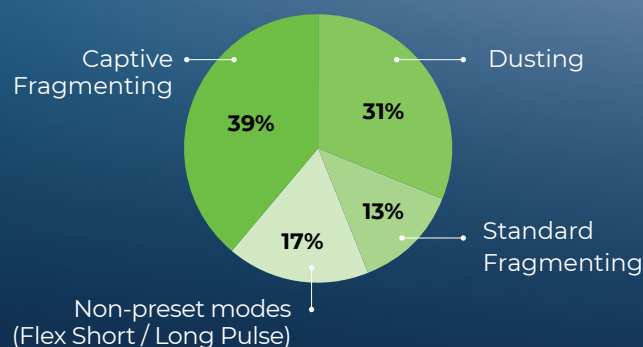
PULSE ENERGIES (mJ)	FREQUENCY (Hz)
1500 · 2000 · 1200	10 · 5

## Hard Stones

41 cases with stones >1000HU\*



### Hard stones can be successfully treated with:



\*Independent from stone location.

# BPH Treatment

48%  
strongly agree

52%  
agree

Thulio  
allows me to  
**enucleate  
safely and  
efficiently**

100%

are satisfied with  
Thulio's enucleation  
performance

## Predominately selected modes and settings

Note: Parameters are presented in order of frequency of use (from left to right), and listed independently.

	PULSE ENERGIES (mJ)	FREQUENCY (Hz)
ENUCLEATION / SHORT PULSE MODE	2000	50
COAGULATION / LONG PULSE MODE	1000 · 2000 · 1500 · 800	50 · 25 · 20 · 75



**Prof. Miernik, Senior Urology Consultant (Faculty Member)**  
University of Freiburg - Medical Center, Germany



During enucleation, the Thulio displayed **excellent performance in thermal and photoacoustic properties** for blunt dissection and cutting.



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Data on file at Dornier MedTech. Users were always given the following options:  
Strongly Agree | Agree | Disagree | Strongly Disagree  
Very Good | Good | Poor | Very Poor

Product availability and specifications may vary between regions. Please speak to a local representative to find out more.

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