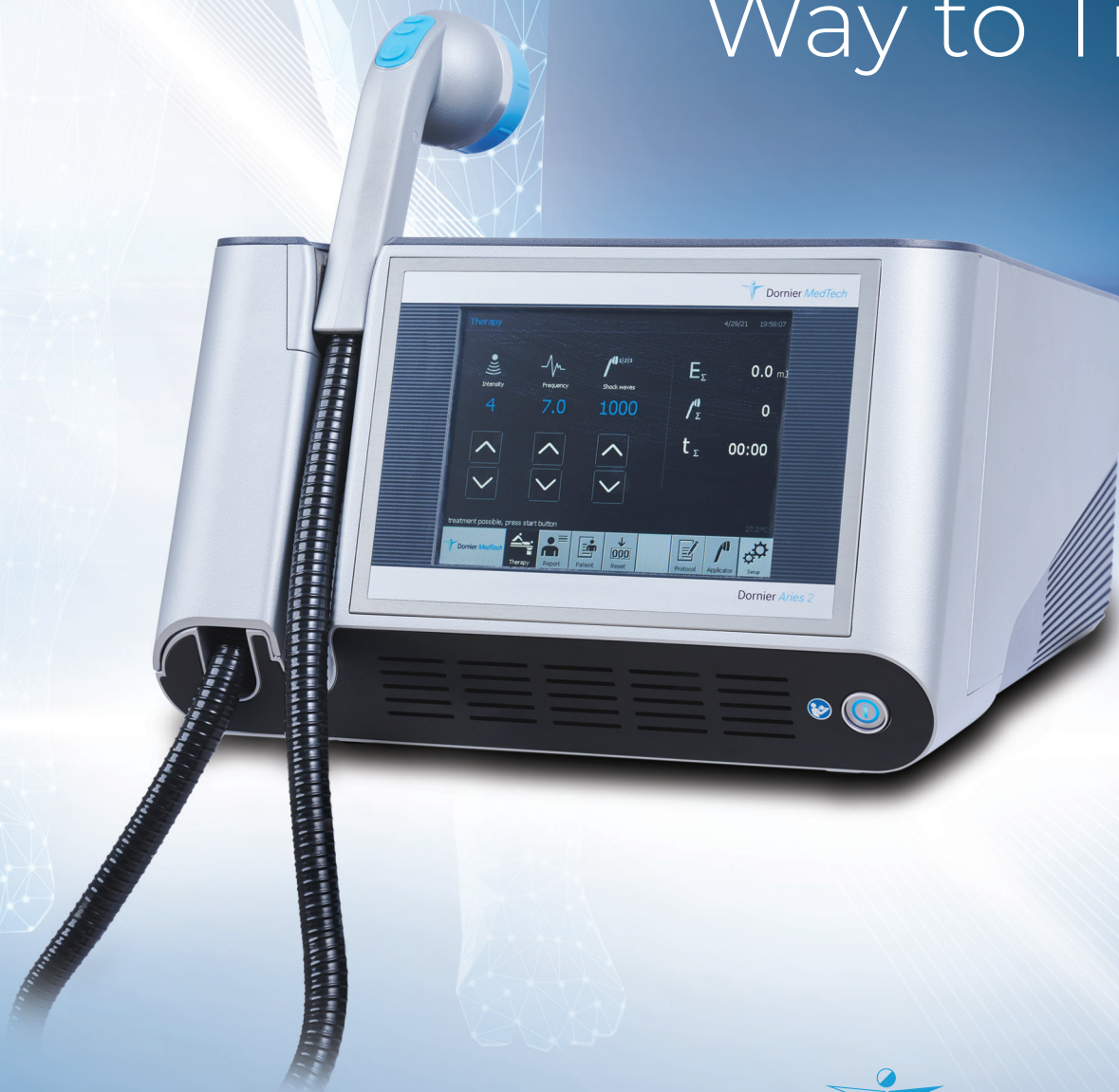


# **DORNIER ARIES 2** The Smart Way to Treat

Urology



# The Smart Way to Treat

## Clinically proven treatment modality for urology

---

ESWT is effective for treating multiple conditions<sup>1</sup> such as:

- Vascular erectile dysfunction (VED)
- Chronic prostatitis (CP) / chronic pelvic pain syndrome (CPPS)
- Induratio penis plastica (IPP)

## Accelerate recovery through extracorporeal shock waves

---

A safe and non-invasive procedure where shock waves are passed through the skin to the target part of the body. Extracorporeal Shock Wave Therapy (ESWT) is particularly favored by patients due to the following benefits:

- No need for injections
- No need for drugs
- No need for surgery
- Fast treatment
- Minimal to no downtime after treatment
- Activates cells' natural healing mechanism



Scan to learn  
more about  
**Aries 2's  
clinical  
benefits**

# Angiogenic healing response induced by focused ESWT

Shock wave technology is widely recognized as a safe and highly effective treatment option for various medical conditions in Orthopedics, Urology, Rehabilitation, and Sports Medicine.

Inspired by this technology, the Aries 2 utilizes low-intensity extracorporeal shock wave therapy (Li-ESWT) to induce micro-trauma in cells and tissues in the targeted treatment area, which then triggers the body's natural healing response and enhances angiogenesis within the targeted area.

1

**Penile tissue after vascular dysfunction**



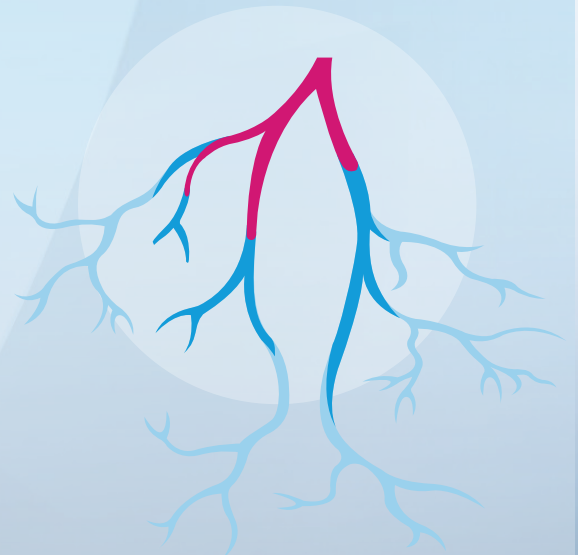
2

**Secretion of angiogenic factors**



3

**Enhanced angiogenesis in penile tissue**





# Why Aries 2

## Experience Dornier's Exclusives

### **Every shot, a perfect shot**

with Dornier's electromagnetic shock wave emitter (EMSE) technology

- Optimize treatment with consistent output of shock waves throughout the device's lifespan

### **Reliable system**

with German-engineered quality

- Enjoy superb durability with 2,000,000 shocks

### **Efficient and seamless workflow**

with SmartFocus technology

- Adjust shock wave penetration depth and energy levels effortlessly with a touch of a button
- No need for gel pads

### **Ultimate ease of use**

with KoolShield technology

- Boot up the system with near-zero start-up time
- No need for degassing, water tank set-up, and water refill



# One System, Multiple Solutions

The Aries 2 is a 100% natural, drug-free option that stimulates the healing of problematic tissue, addresses pain, and supports patient tissue recovery non-invasively.

Powered by proprietary technologies, Aries 2 offers reliable performance with the user and patient comfort in mind.

**S**mart,  
ergonomic  
applicator

**A**utomatic system for  
heat dissipation and  
air pocket removal

**E**asily  
transportable  
and compact

**R**eliable,  
German  
engineering

**I**ntuitive,  
user-friendly  
touch screen



# Features and benefits at a glance

<b>MECHANISM</b>	Developed using electromagnetic technology
<b>HEALING RESPONSE</b>	Facilitates: <ul style="list-style-type: none"><li>• Neoangiogenesis<sup>2</sup></li><li>• Nerve recovery/regeneration<sup>2</sup></li><li>• Reduction of fibrotic changes and cavernous tissue remodeling<sup>2</sup></li><li>• Reduction of sympathetic/adrenergic tone<sup>2</sup></li></ul>

<b>PENETRATION DEPTH</b>	Aries 2 SmartFocus and its dynamic depth control provide a wide focal zone for surface and deep tissue treatment
<b>GEL PADS</b>	Not required with SmartFocus
<b>APPLICATOR</b>	Lightweight applicator, only 500 g Standard and I-Shape applicator designs are available

<b>DEGASSING</b>	Not required with KoolShield
<b>WATER REFILL</b>	Not required with KoolShield
<b>MAINTENANCE</b>	Regular coil (EMSE) replacement is not necessary

## Did you know?

The Aries 2 offers two design options for its applicator - a Standard or I-Shape applicator. Operators can then choose a suitable applicator to use based on the targeted treatment area.





## References

- <sup>1</sup> Dornier Aries 2 Operating Manual
- <sup>2</sup> Porst, H. (2021). Review of the current status of low intensity extracorporeal shockwave therapy (Li-ESWT) in erectile dysfunction (ED), peyronie's disease (pd), and sexual rehabilitation after radical prostatectomy with special focus on technical aspects of the different marketed ESWT devices including personal experiences in 350 patients. Sexual Medicine Reviews, 9(1), 93-122.  
<https://doi.org/10.1016/j.sxmr.2020.01.006>



Scan the QR code for our  
**global office locations**

[www.dornier.com/locations](https://www.dornier.com/locations)



# DORNIER ARIES 2

## The Smart Way to Treat

Orthopedics • Sports Medicine • Rehabilitation





# The Smart Way to Treat

## Clinically proven treatment modality for orthopedics and sports medicine

---

ESWT is effective for treating multiple conditions<sup>1</sup> such as:

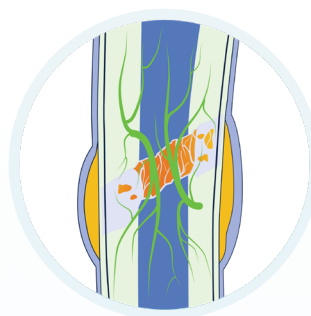
- Epicondylopathy of elbow
- Heel spur and plantar fasciitis
- Achillodynia
- Pain conditions in the shoulder (supraspinatus tendonitis, calcific shoulder tendonitis)
- Patella tendonitis
- Proximal iliotibial band friction syndrome
- Tibial stress syndrome
- Greater trochanteric pain syndrome
- Morton's neuroma
- Fibromyalgia
- Treatment of myofascial trigger points
- Relieving spastic muscle pain following upper motor neuron injury
- Pain relief for osteoarthritis



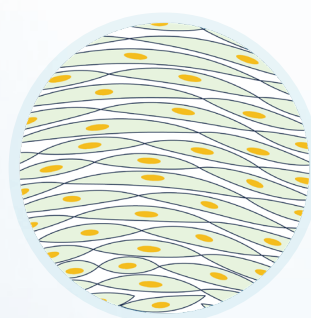
## Accelerate recovery through extracorporeal shock waves

A safe and non-invasive procedure where shock waves are passed through the skin to the injured part of the body. Extracorporeal Shock Wave Therapy (ESWT) is particularly favored by patients due to the following benefits:

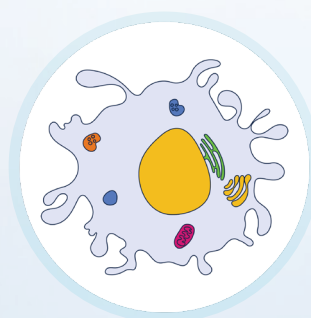
- No need for injections
- No need for drugs
- No need for surgery
- Fast treatment
- Minimal to no downtime after treatment
- Activates cells' natural healing mechanism



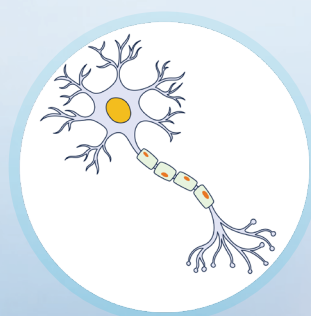
Blood Vessel Healing



Tissue Regeneration<sup>1</sup>



Immunity Regulation<sup>3</sup>



Pain Relief<sup>2</sup>

# Why Aries 2

## Experience Dornier's Exclusives

### **Every shot, a perfect shot**

with Dornier's electromagnetic shock wave emitter (EMSE) technology

- Optimize treatment with consistent output of shock waves throughout the device's lifespan

### **Reliable system**

with German-engineered quality

- Enjoy superb durability with 2,000,000 shocks

### **Efficient and seamless workflow**

with SmartFocus technology

- Adjust shock wave penetration depth and energy levels effortlessly with a touch of a button

- No need for gel pads

### **Ultimate ease of use**

with KoolShield technology

- Boot up the system with near-zero start-up time

- No need for degassing, water tank set-up, and water refill

# One System, Multiple Solutions

The Aries 2 is a 100% natural, drug-free option that stimulates the healing of problematic tissue, addresses pain, and supports patient tissue recovery non-invasively.

Powered by proprietary technologies, Aries 2 offers reliable performance with the user and patient comfort in mind.

**S**mart,  
ergonomic  
applicator

**A**utomatic system for  
heat dissipation and  
air pocket removal

**E**asily  
transportable  
and compact

**R**eliable,  
German  
engineering

**I**ntuitive,  
user-friendly  
touch screen





# Features and benefits at a glance

<b>MECHANISM</b>	Developed using electromagnetic technology
<b>HEALING RESPONSE</b>	Facilitates: <ul style="list-style-type: none"><li>• Bone healing<sup>2</sup></li><li>• Immunity regulation<sup>3</sup></li><li>• Tissue regeneration<sup>2</sup></li><li>• Pain relief<sup>2</sup></li></ul>

<b>PENETRATION DEPTH</b>	Aries 2 SmartFocus and its dynamic depth control provide a wide focal zone for surface and deep tissue treatment
<b>GEL PADS</b>	Not required with SmartFocus
<b>APPLICATOR</b>	Lightweight applicator, only 500 g Standard and I-Shape applicator designs are available

<b>DEGASSING</b>	Not required with KoolShield
<b>WATER REFILL</b>	Not required with KoolShield
<b>MAINTENANCE</b>	Regular coil (EMSE) replacement is not necessary

## Did you know?

The Aries 2 offers two design options for its applicator - a Standard or I-Shape applicator. Operators can then choose a suitable applicator to use based on the targeted treatment area.



## References

- <sup>1</sup> Dornier Aries 2 Operating Manual
- <sup>2</sup> Simplicio, C. L., Purita, J., Murrell, W., Santos, G. S., Dos Santos, R. G., & Lana, J. F. S. D. (2020). Extracorporeal shock wave therapy mechanisms in musculoskeletal regenerative medicine. *Journal of Clinical Orthopaedics and Trauma*, 11, S309-S318. <https://doi.org/10.1016/j.jcot.2020.02.004>
- <sup>3</sup> Sukubo, N. G., Tibalt, E., Respizzi, S., Locati, M., & d'Agostino, M. C. (2015). Effect of shock waves on macrophages: a possible role in tissue regeneration and remodeling. *International Journal of Surgery*, 24, 124-130. <https://doi.org/10.1016/j.ijsu.2015.07.719>



Scan the QR code for our  
**global office locations**

[www.dornier.com/locations](http://www.dornier.com/locations)