

# 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:

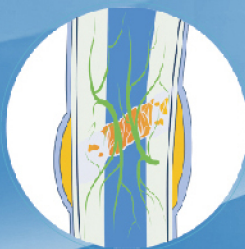
- Epicondylopathy of elbow
- Heel spur and plantar fasciitis
- Achillodynia
- Pain conditions in the shoulder (supraspinatus tendon, calcific shoulder tendonitis)
- Patella tendonitis
- Proximal iliotibial band syndrome
- Tibial Stress Syndrome
- Greater Trochanteric Pain Syndrome
- Morton's Neuroma
- 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

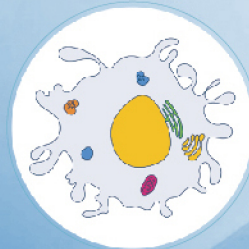
## Healing response induced by focused ESWT



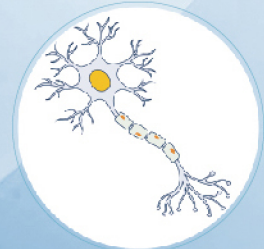
**Bone Healing<sup>2</sup>**



**Tissue Regeneration<sup>2</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

### Reliable system

with German-engineered quality

### Efficient and seamless workflow

with SmartFocus technology

### Ultimate ease of use

with KoolShield technology

- Optimize treatment with consistent output of shock waves throughout the device's lifespan
- Enjoy superb durability with a lifespan of 2,000,000 shocks
- Adjust shock wave penetration depth and energy levels effortlessly with a touch of a button
- No need for gel pads
- 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.



# Aries 2 SmartFocus

## 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>• 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<br>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>

【판매대리점】



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