

Dornier *Aries*

Unique **Electromagnetic** Shockwave Therapy
with Smart Focus Technology



Smart Focus with Flat EMSE Technology



Successful Dornier Flat EMSE Technology

- Wide acoustic power range
- No consumables
- Shockwave generation via semiconductor switch

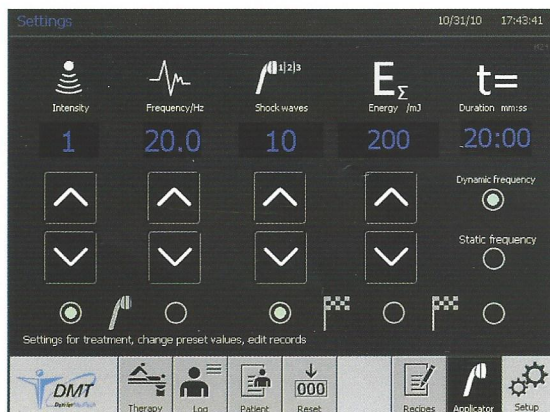
Unique Dornier Smart Focus Design

- Wide range of penetration depth
- No need to use gel pads
- Broad variety of Indications
- One applicator for all applications

Technical Data

Diameter	[mm]	40
Energy flux density (ED)	[mJ/mm ²]	0.005 - 0.31
Effective energy (E _{12mm})	[mJ]	0,38 – 21,8
Penetration range	[mm]	0 - 40
Shock wave frequency *	[Hz]	0,5 – 20

The New Touch Screen



User Settings:

Energy level: 1 to 20

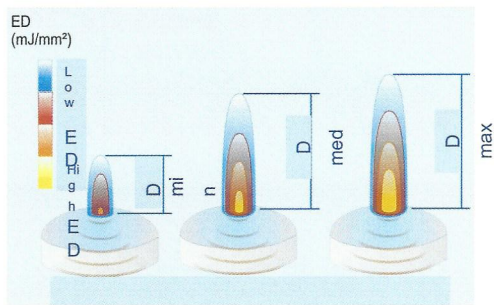
Frequency: 0.5 – 20 Hz

SW number: 2 - 20000

Energy Etot: 10mJ – 200J

Time: 10s – 59min

Smart Focus: Treatment Depth



Level 4 – ca. 1 cm

Level 7 – ca. 2 cm

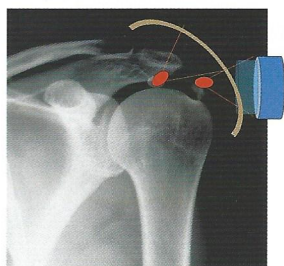
Level 14 – ca. 6 cm

Level 20 – ca. 7 cm

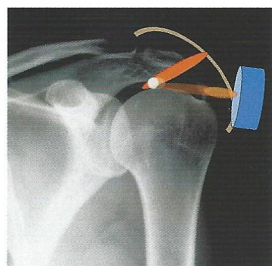
Aries Energy Levels

Energy levels	Max trigger frequency (Hz)	Max. energy flux density (mJ/mm ²)	Max. energy (12mm) [mJ]
1	20	0.005	0.38
2	16	0.012	0.95
3	10	0.025	2.10
4	8	0.040	3.80
5	6	0.056	4.50
6	5	0.068	5.80
7	5	0.085	6.60
8	4	0.093	8.30
9	4	0.124	9.20
10	4	0.148	10.3
11	4	0.161	11.4
12	3	0.166	12.6
13	3	0.194	13.9
14	3	0.210	15.1
15	3	0.214	16.0
16	3	0.246	17.6
17	3	0.257	18.4
18	3	0.272	19.2
19	2.5	0.292	20.9
20	2.5	0.312	21.8

Smart Focus VS Conventional Focus VS Radial



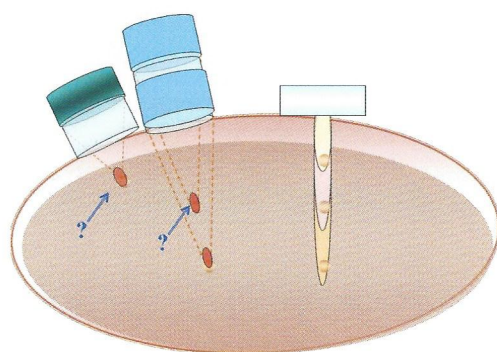
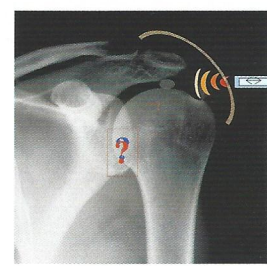
Conventional strong focus



Smart Focus



Radial



Smart Focus versus focused



WE'RE ALL ABOUT PEOPLE.

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