

DUOLITH® SD1 – The **FIRST** combined shock wave therapy system



ESWT
unlimited

STORZ MEDICAL

ESWT –

The focal point of modern therapy!





First combined extracorporeal shock wave therapy system

- ▶ High-energy focused
shock wave therapy^{ESWT}
- ▶ Low-energy radial
shock wave therapy^{RSWT}

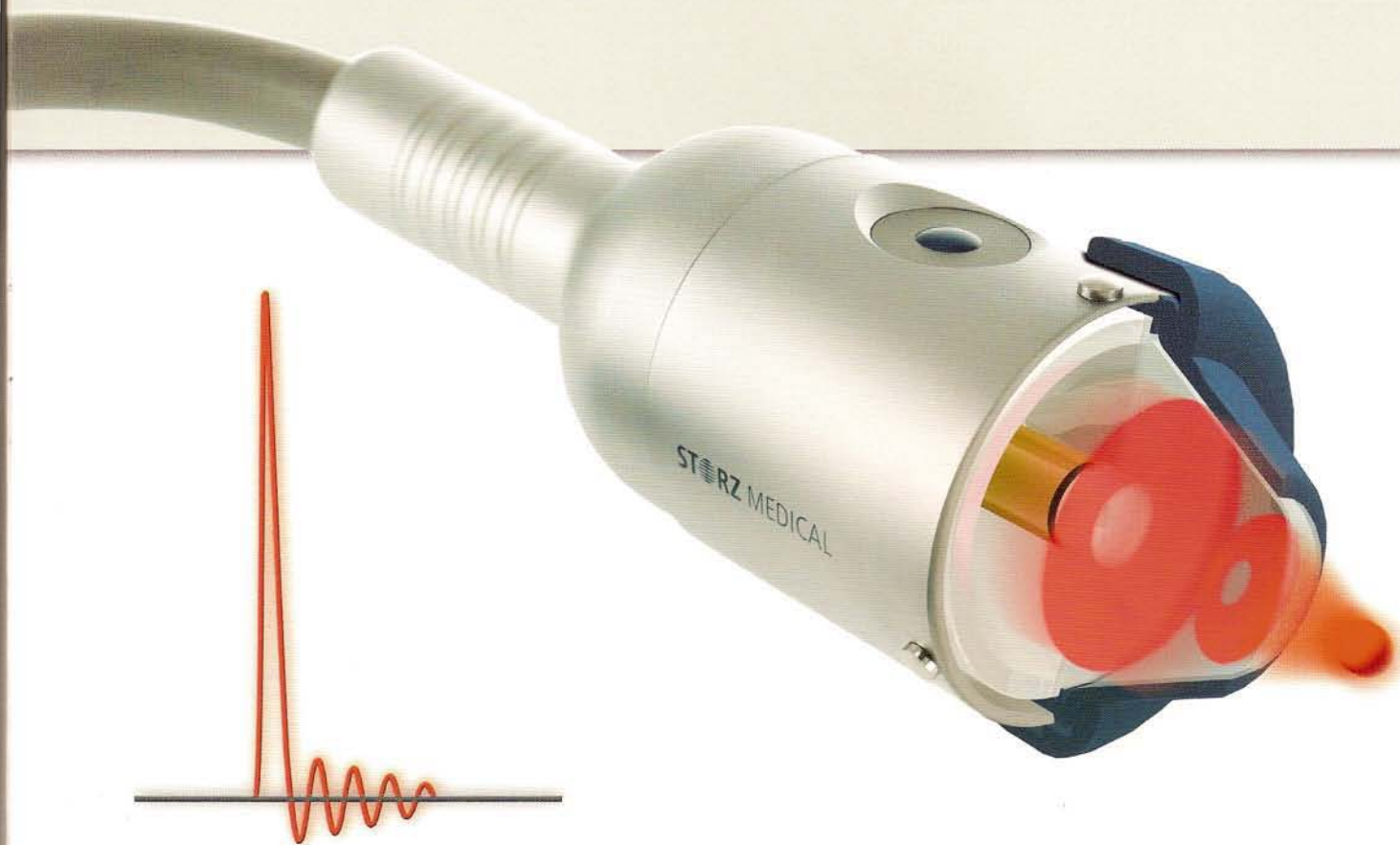
The combination
makes the difference!



The shock wave is the heart of any modern ESWT device. It determines the efficiency and versatility of any shock wave therapy system.

- ▶ Powerful energy range, individually selectable
- ▶ Reliable therapy for deep penetration areas
- ▶ Large focal zone, increased targeting precision
- ▶ Simple changeover from focused to radial applicator, wide spectrum of indications

»The very best shock wave«



ESWT – focused shock wave therapy

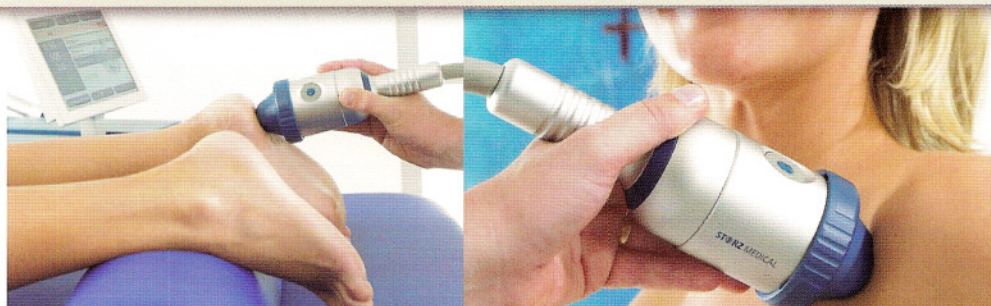
RSWT – radial shock wave therapy



Painless Patients – this is what really counts!

Recommended therapy in orthopaedics:

Disorder	ESWT	RSWT	Combination
Calcified tendonitis			
Shoulder pain with/without restricted mobility			
Radial/ulnar humeral epicondylitis			
Trochanteric tendonitis			
Patellar chondropathy			
Anterior tibial syndrome			
Achillodynia			
Plantar fasciitis			
Dorsal calcaneal spur			
Chronic enthesiopathies in general			
Acute and chronic cervical/lumbar pseudoradicular syndrome			
Acute and chronic dorsalgia			
Recurrent muscle pain in the upper or lower leg			
Metatarsalgia			
Pseudarthroses			
Superficial trigger points			
Deep-sited trigger points			
Shock wave acupuncture			



The right therapy for every patient.

Valuable interdisciplinary therapy:

- ▶ Orthopaedics/surgery:
large shoulder calcifications, heel pain, trigger points, insertion tendonitis,
needle-free acupuncture, pseudarthroses
- ▶ Neurology:
improvement of mobility after stroke, post-traumatic spasm, polyneuropathies (PNP)
- ▶ Urology:
chronic pelvic pain syndrome (CPPS), Peyronie's disease (penile curvature), trigger point therapy
- ▶ Angiology/dermatology/surgery:
wound healing, skin burns, scar treatment

Experience and efficiency:

The DUOLITH® SD1 »TOWER« is second to none in terms of the versatility and efficiency it offers.
Modern physics, state-of-the-art technology and dynamic energy range ...

... in other words: the results of over 20 years of shock wave experience gathered by STORZ MEDICAL employees.

Intelligent navigation structure



Ease of use

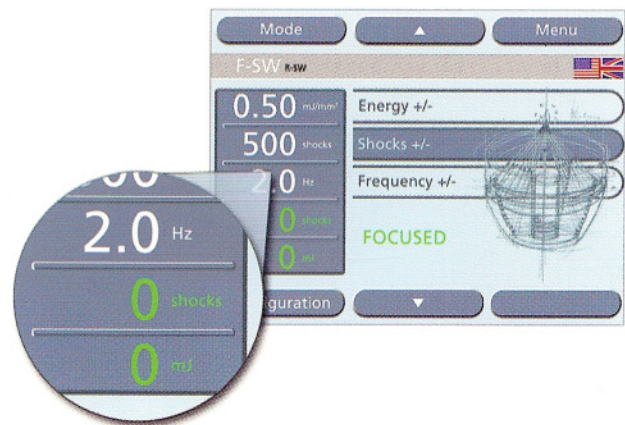
Modern touch screen technology makes buttons obsolete in the DUOLITH® SD1. This ensures a high degree of ergonomics and simplicity. State-of-the-art navigation features enable you to access the desired functions at the touch of a finger. The easy-to-use menu-driven user interface guarantees reliable acquisition of all necessary parameters for focused and radial shock wave therapy.

During patient treatment, all essential parameters always remain under control. The energy level, frequency, shock counter and number of applied shock waves are displayed in a clearly structured manner, and treatment data is stored directly in the system.



ESWT – focused shock wave therapy

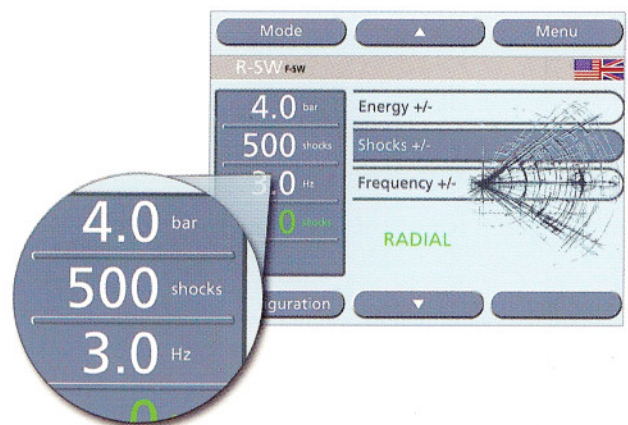
- ▶ Dynamic energy range low-high
0.01-0.55 mJ/sq.mm (max. 62 MPa)
 - ▶ Selectable therapeutic penetration depth 0-65 mm
 - ▶ High shock frequency 1-8 Hz
 - ▶ Total energy measurement
- = all due to unique STORZ MEDICAL cylindrical source



... and easily switchable

RSWT – radial shock wave therapy

- ▶ Selectable »Radial Power Application«
 - ▶ Minimal applicator excursion (0.1 mm)
for excellent efficacy in tissue
 - ▶ Large coupling area without energy loss
 - ▶ Precision components designed for long lifecycles
- = all due to proven STORZ MEDICAL ballistics



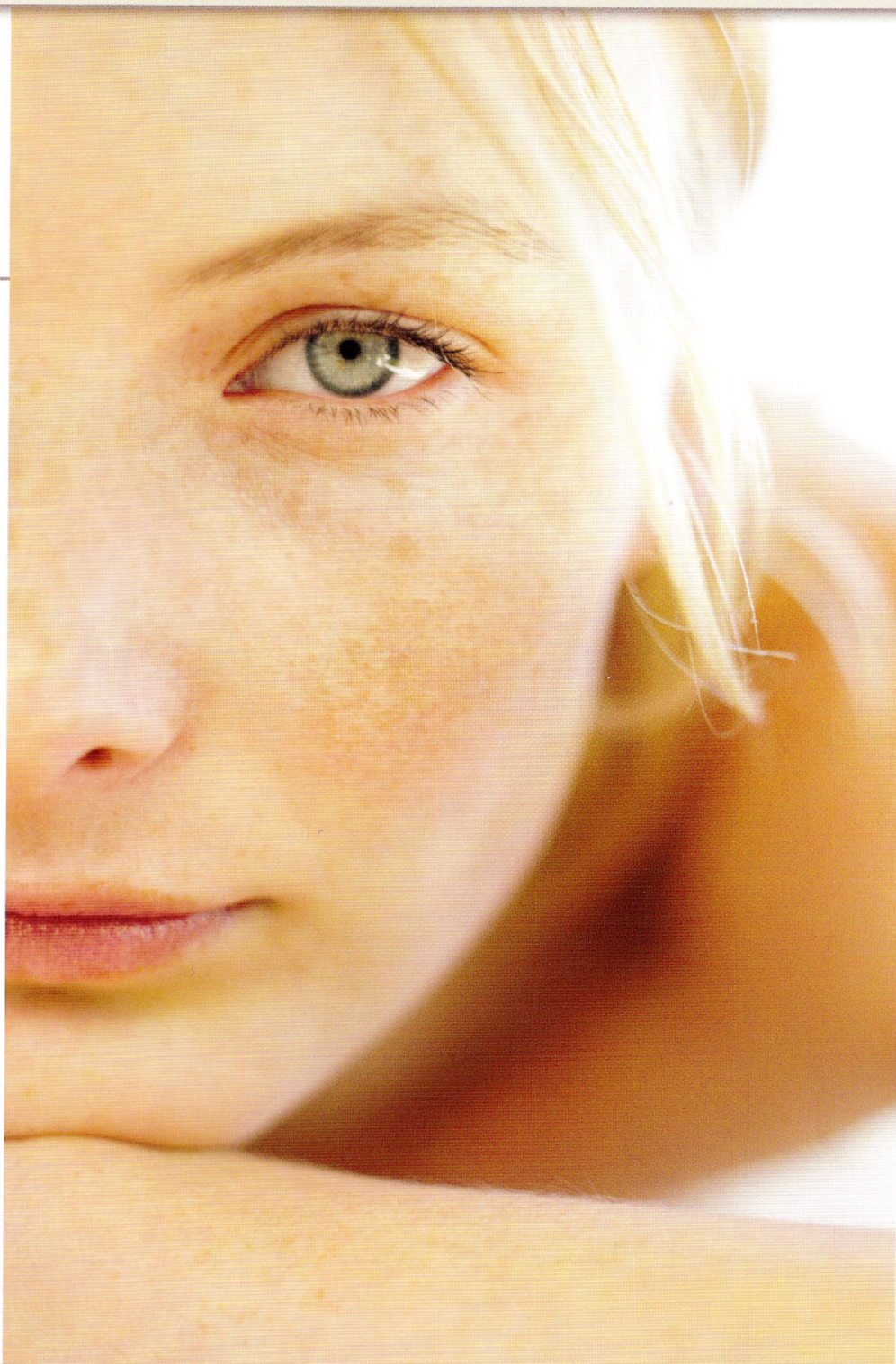
Good products,
beautiful to look at



Fits into every office

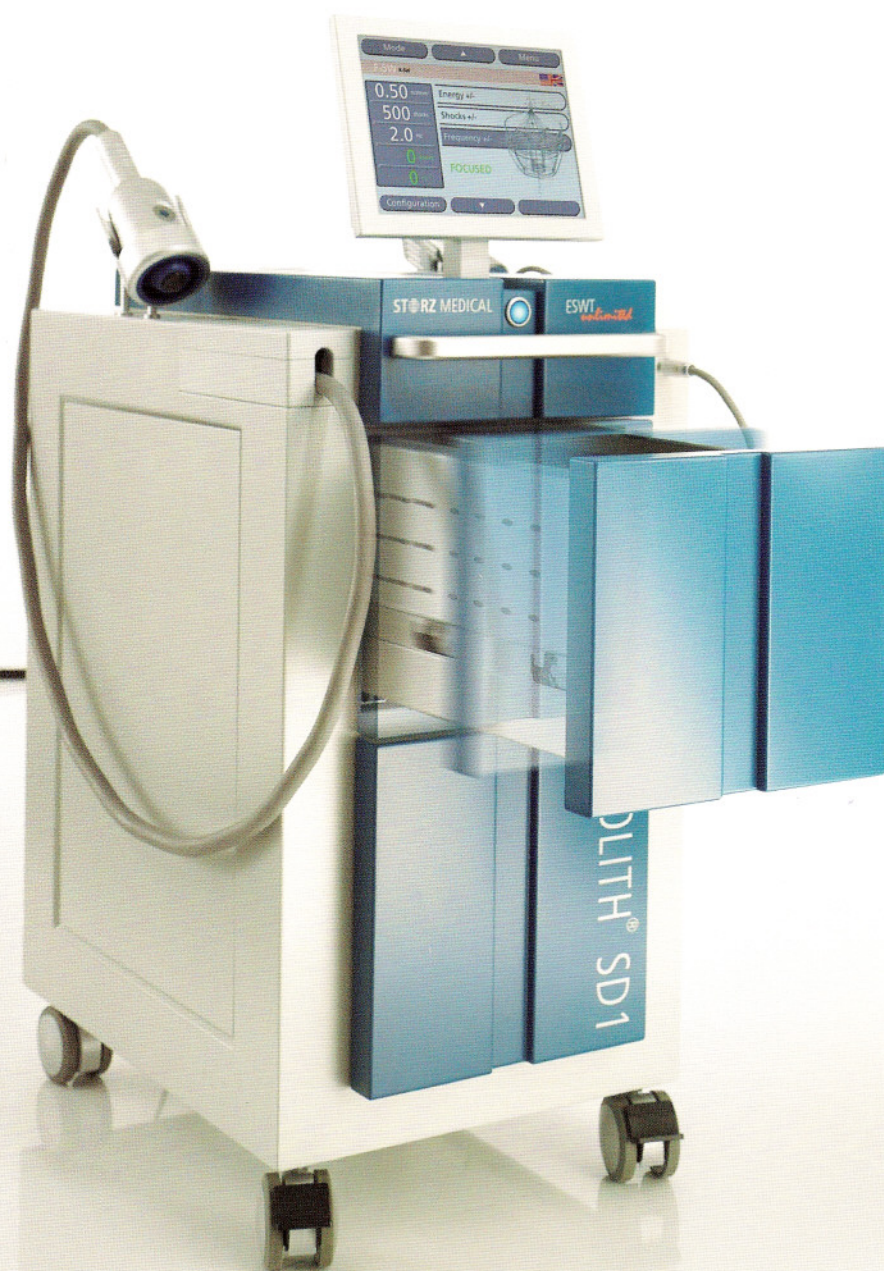
Various colour variants ensure a harmonious office environment. The DUOLITH® SD1 »TOWER« is available in the following colours:

- ▶ Safari Green
- ▶ Arctic Blue
- ▶ Swiss Red



»TOWER«

Facts and figures



- ▶ H x W x D (without monitor) = 80 x 45 x 55 cm
- ▶ ESWT applicator = 770 g
- ▶ RSWT applicator = 445 g
- ▶ Trigger button on both applicators
- ▶ LCD colour display
»Touch screen«
- ▶ USB/LAN ports
- ▶ Mobile use in surgeries and clinics
- ▶ Patented STORZ MEDICAL cylindrical source
- ▶ Patented »Radial D-ACTOR®« technology

DUOLITH® SD1 € 1275

DUOLITH® SD1 –
»Table Top« version
Mobile and compact



DUOLITH® SD1 – a good investment

Simple applicator replacement or easy-to-install retrofit options ensure that the DUOLITH® SD1 always remains up to date to handle new fields of future applications or respond to clinical and technological progress. Software updates via USB stick are possible within seconds.

These features make the DUOLITH® SD1 a powerful technology tool that secures the future of the medical surgery.

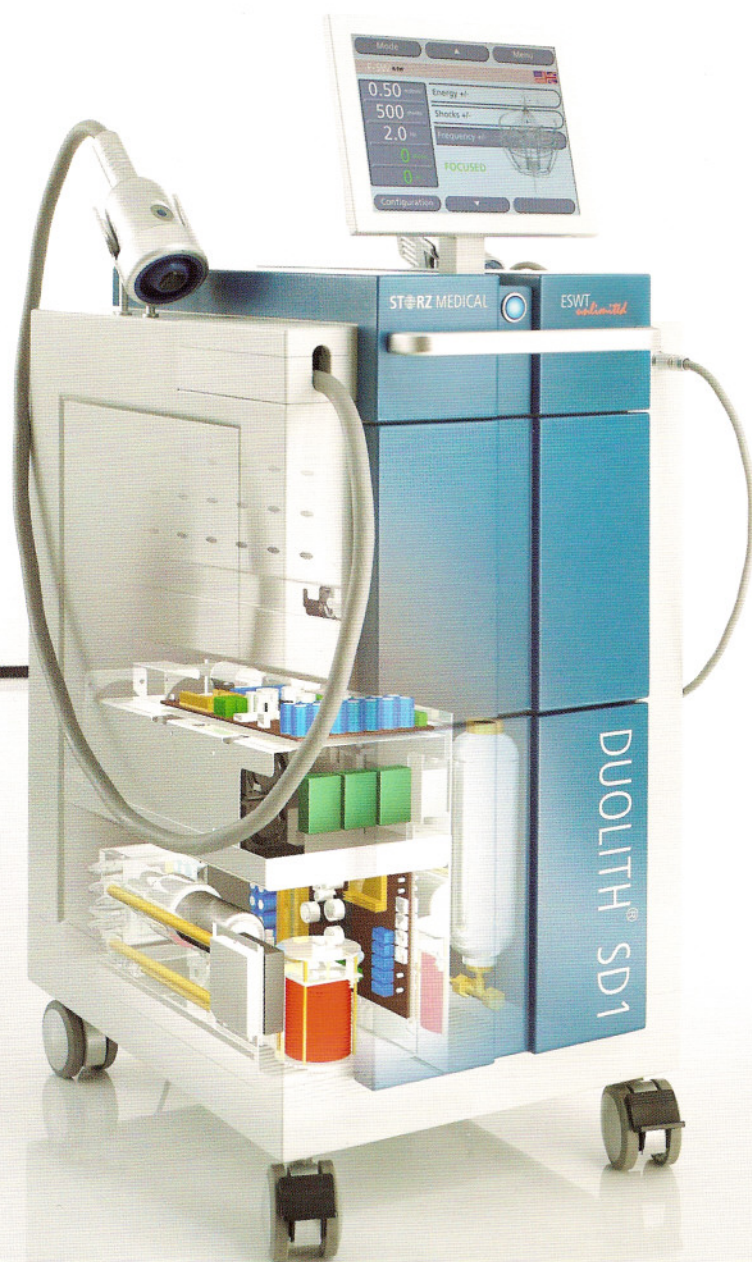


STORZ MEDICAL cylindrical source



»Radial Power Application«

Essential components – invisible to the eye



The three pillars of shock wave technology

Modern high-tech medical systems incorporate:

Physics – Mechanics – Electronics

Perfect interaction between these three components is crucial for a perfect system. STORZ MEDICAL is committed to the highest quality standards, which means that all major system components are developed and manufactured in-house and subjected to severe tests. This ensures maximum functionality and quality of each individual shock wave system.

All over the world, shock wave systems from STORZ MEDICAL AG are synonymous of the highest technological standards in orthopaedics, urology, cardiology, neurology and dermatology.



A wealth of experience

STORZ MEDICAL shock wave systems are the result of our development, design and manufacturing experience – and our response to the requirements of **doctors** and **patients**.