



## Worldwide sales and service

Medical specialists all over the world benefit from our experience using systems developed by STORZ MEDICAL AG. Based in Tägerwilen/Switzerland, the

company operates around the globe through its branch offices and partners, making sure that qualified service personnel is always near at hand.

### Veterinary

Already proven for decades in human medicine, shock wave therapy is also being successfully used in veterinary medicine. STORZ MEDICAL shock wave systems for veterinary medicine, such as the DUOLITH® VET and the MASTERPULS® MP100 VET, are characterised by maximum mobility, low investment and maintenance costs as well as their broad range of applications and guaranteed therapeutic outcomes.



### Future specialised disciplines

STORZ MEDICAL constantly aims to develop further dedicated areas for the application of extracorporeal shock wave therapy. Studies in the fields of dermatology and neurology, for example, have shown excellent healing results.



### Cardiology

In 1999 STORZ MEDICAL was the first company in the world to successfully use the shock wave in cardiology for the treatment of refractory angina pectoris. Since then, shock wave therapy in the field of cardiology has been constantly further developed in close cooperation with leading medical institutes.



### Aesthetics

The sustained success of the new Acoustic Wave Therapy (AWT®) has been supported by a series of scientific trials and long-term clinical studies.

With its AWT® series CELLACTOR® SC1 and D-ACTOR® 200, STORZ MEDICAL has succeeded in setting brand new treatment standards in aesthetic and »anti-ageing« medicine.



### Urology

30 years after the first kidney stone treatment, urological stone therapy is no longer an isolated individual discipline. Modern lithotripters from STORZ MEDICAL, like the MODULITH® SLX-F2, now offer significant added value, thanks to the wealth of endoscopic and extracorporeal treatments.



### Orthopaedics

The broad indication spectrum in orthopaedics and in the rehabilitation sector is ideally covered by STORZ MEDICAL with focused, planar and radial shock wave sources. It is precisely this shock wave diversity that makes the DUOLITH® SD1 combined shock wave device and the radial MASTERPULS® line the most successful ESWT systems on the market today.



## The patented shock wave source

The most important component of a shock wave device is naturally the therapy source, which determines not only the therapeutic success through its efficiency, but also the possibilities of integrating different localisation procedures. The generated

shock waves are extremely short pressure pulses with peak pressures from approx. 10 to over 150 MPa. This form of acoustic energy is introduced almost painlessly into the body, where it exerts its healing effect.



## STORZ MEDICAL AG

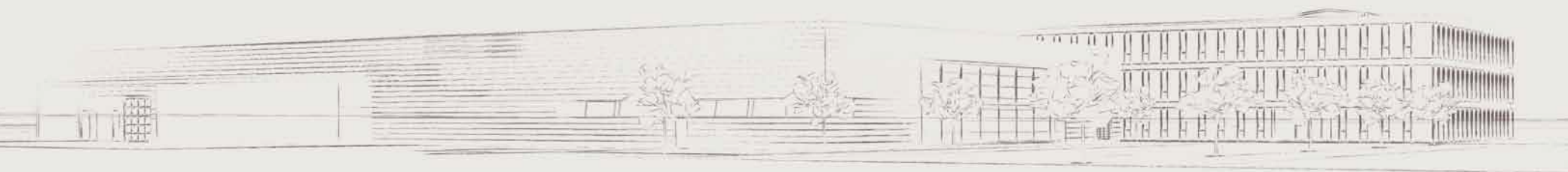
STORZ MEDICAL AG, founded in 1987, is a Swiss company in the KARL STORZ group of companies.

The aim of our physicists and engineers is the continuing investigation of shock wave technology, the development of new instrument concepts and the opening up of new indications in close cooperation with leading medical institutes.

Our products have already proven themselves millions of times over in urology and now also open up the advantages of non-invasive technology to other medical fields.

With its technical innovations STORZ MEDICAL now sets new standards in urology, cardiology, orthopaedics, rheumatology, rehabilitation, aesthetic medicine, dermatology, neurology and in veterinary medicine.

Unique pioneering work, such as the invention of the electromagnetic cylinder source, the first use of the shock wave for heart revascularization or combined shock wave therapy (focused, planar and radial), forms the basis for STORZ MEDICAL's broad range of activities in the field of shock wave technology.



## History

**1945** Karl Storz founds the company of the same name in Tuttlingen.

**1988** Establishment of subsidiary STORZ MEDICAL AG in Switzerland.

Break-through in medical shock wave technology – development of the electromagnetic STORZ MEDICAL cylinder source with in-line ultrasound localization.

**1989** Market launch of the first lithotripter (MODULITH® SL10) with patented electromagnetic STORZ MEDICAL cylinder source with in-line ultrasound localization.

**1990** Market launch of the first lithotripter (MODULITH® SL20) with combined in-line ultrasound and in-line X-ray localization.

**1994** Introduction of a new lithotripter generation: the MODULITH® SLX.

**1994** The MINILITH® SL1 lithotripter is launched on the market for non-invasive shock wave therapy of salivary stones and for orthopaedic applications.

**1996** With the MINILITH® SL1, a shock wave device is used to treat competitive athletes for the first time at the Olympic Games in Atlanta.

**1999** The flexible and compact interdisciplinary MODULITH® SLK lithotripter is presented, featuring a highly flexible therapy head.

**1999** World's first shock wave therapy on the heart with the MODULITH® SLC.

**2000** MICROPULSOR MP1, world's first compact radial shock wave device for pain treatment is introduced.

**2004** ISMST Award for Dr. Othmar Wess, STORZ MEDICAL AG, in recognition of his outstanding contributions to the development of ESWT.

**2004** »Dual Focus« – STORZ MEDICAL introduces dual focus with the MODULITH® SLX-F2, offering the options of free focus selection (precise or extended) and therapy selection (moderate or high pressure).

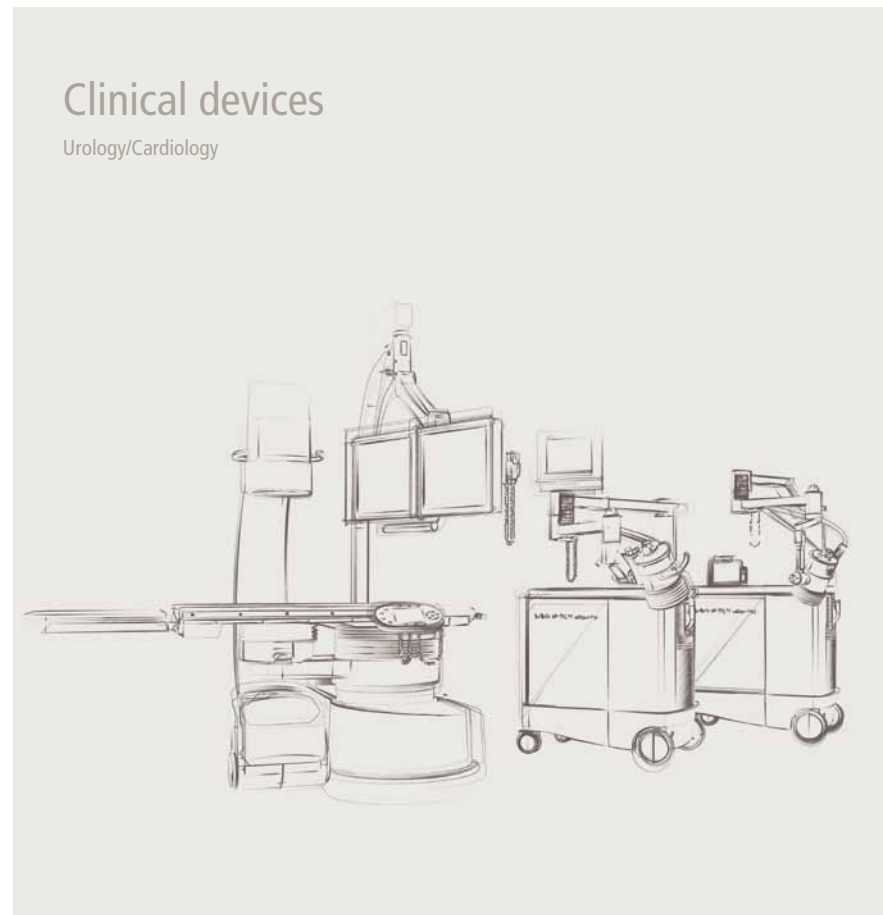
**2005** With the DUOLITH® SD1 series, STORZ MEDICAL launches the world's first combined shock wave therapy system (focused and radial shock waves) on the market.

**2006** With the MASTERPULS® MP200, the first high-frequency radial shock wave therapy system for orthopaedic pain treatment and rehabilitation, STORZ MEDICAL demonstrates its innovational power in the field of radial shock waves.

**2006** New: AWT® Acoustic Wave Therapy. With the D-ACTOR® 200 and the CELLACTOR® SC1 combined shock wave therapy system, STORZ MEDICAL enters the »aesthetic medicine« market.

**2009** STORZ MEDICAL exceeds the number of 1,000 lithotripter system installations in 85 countries.

**2011** More than 10,000 shock wave devices from STORZ MEDICAL are in daily use worldwide.



## Clinical devices

Urology/Cardiology



## Office units

Orthopaedics/Aesthetic medicine/Dermatology/Urology/Veterinary medicine

HUMANE TECHNOLOGY – TECHNOLOGY FOR PEOPLE

STORZ MEDICAL

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