





- Founded in 1998
- Own Research and Development
- International activities
- Top-Innovator 2014
- Own production, Made in Germany
- Owner-managed

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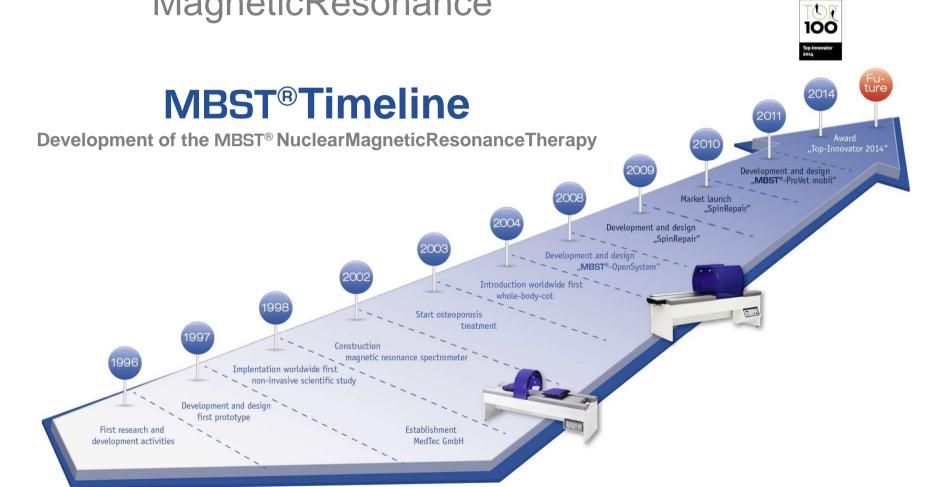


MedTec Medizintechnik

- MBST® a therapy system with no competitors
- Worldwide patent
- Over 600 machines worldwide
- 400 machines in Germany and Austria
- Represented in over 20 countries



Therapeutic MagneticResonance





What is MBST®?

MBST[®] is a conservative therapy which is based on MRI technology – the currently best and most precise method of diagnostic analysis.

MBST® does not use this technology to create images. Instead MBST® uses this technology to regenerate damaged cells within the body.

Verified, successful treatment of degeneration and damage of

- cartilage cells (e.g. with osteoarthritis)
- bone cells (e.g. with osteoporosis)
- tendons and ligaments
- skin cells

as well as treatment of

- injuries from sports and accidents



What is MBST®?

Therapeutic Magnetic Resonance

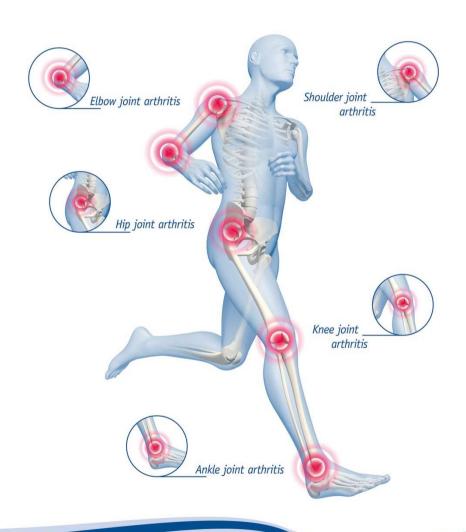
The composition of the therapy machines is very complex: A basic field aligns the nuclear spins, and an alternating field, which is tuned precisely to the resonance frequency of the specific type of tissue enables the protons of the targeted tissue to take up energy.

During the succeeding relaxation, this energy is transferred to the surrounding tissue which is then stimulated by resonance.





Areas affected by Osteoarthritis





Clinical Picture of Osteoarthritis

"X-Ray results prove that **20** to **40** % of examined patients over 60 show signs of degenerative joint diseases (osteoarthritis or osteoporosis)."

Source: German Federal Statistical Office (2002) "Krankenhausdiagnosestatistik"

Clinical Picture of Osteoporosis

"Osteoporosis is the most common bone disease at advanced age. 80 % of all osteoporosis affects postmenopausal women. After the menopause, **30% of all women** develop a clinically relevant form of osteoporosis."

Source: Wikipedia



Conventional Therapies for Osteoarthritis and Osteoporosis for treating the Symptoms:

- Pharmaceuticals
- Pain killers
- Anti-inflammatory drugs
- Hyaluronic-acid injections
- Surgical cartilage shaving
- Implant of cartilage replacement
- Total implant surgery
- Joint fixation

MBST® treats the cause



MBST® - Therapy Range

Treatment of Osteoarthritis

In average 20% of a population

Treatment of Osteoporosis

About 30% of women aged over 50. Globally increasing

Injuries from Sports and Accidents

Also affects younger and more active population



MBST® –Therapy Success

- Treats the cause of **osteoarthritis** and **osteoporosis** Unique characteristic worldwide (USP)
- Pain-free, non-invasive and without side-effects
- Over **180,000 successful treatments** worldwide
- Treatment success over 80%

 (acknowleged in several national and international studies carried out over several years)



MBST® - Indications

- Joint degeneration (osteoarthritis), grades I-III (IV)
- Metabolic or circulatory disorder of the bone
- Osteochondrosis dissecans
- Injuries from sports and accidents
- Osteoporosis
- Cracked and bruised bones
- Tendons, ligaments and muscles
- Slipped disc when not obligatory to surgery



MBST® - Therapy Machines

MBST®-OpenSystem 700



INDICATIONS

Injuries from sports and accidents

- Acute injuries of ligaments, muscles and tendons
- Chronic complaints in tendons, ligaments and muscles Osteoarthritis treatment of the large and small joints of the limb, the spine and intervertrebral discs
- -Spine-hip, spine-shoulder and double-knee treatment
- -Damage to invertebral discs not obligatory to surgery **Diseases and injuries of the bone**
- -Osteoporosis treatment of the back



Unique appearance with C-shaped, open design NuclearMagneticResonance Magnetic field force approx. 0.4 Millitesla Complex construction





MBST® - Therapy Machines

MBST®-OpenSystem 350



INDICATIONS

Injuries from sports and accidents

- Acute injuries of ligaments, muscles and tendons
- Chronic complaints in tendons, ligaments and muscles Osteoarthritis treatment of the large and small joints of the limb
- Knee, elbow, foot and hand treatment
- Double-hand and double-foot treatment

Diseases and injuries of the bone

- Osteoporosis treatment of arm/leg, hand/foot





MBST® - Therapy Machines

MBST®-OsteoSystem



NuclearMagneticResonance Magnetic field force approx. 0.4 Millitesla



INDICATIONS

Diseases and injuries of the bone

- Osteoporosis, whole body treatment





MBST® - Therapy procedure

Before the therapy: Medical diagnosis by a doctor

Therapy length depends on diagnosis

 $5, 7, 9 \text{ or } 10 \text{ days} \longrightarrow 1 \text{ hour per day}$

7 days Standard for treatment of **osteoarthritis** and joint diseases

10 days Whole body treatment of **osteoporosis**

5 days Refreshment of earlier therapies or for treating minor injuries

9 days Treatment of certain forms of osteoarthritis and joint diseases



MBST® - Business Plan

- 1. Partner Company purchases MBST® machines from MedTec
- 2. Partner Company sells **MBST**[®] **machines** to doctor / clinic as "Centre":



- 3. Patient recieves medical diagnosis, e.g. osteoarthritis of the hip
- 4. Centre orders respective chip card from Partner Company
- 5. Partner Company sends chip card ("OS 700 Osteoarthritis, hip") by mail
- 6. Centre treats patient and adds margin as profit





Example MBST®-OpenSystem 700

Capacity **per machine**: 8 hours per day

5 days per week

42 weeks per year

= 1,680 hours / year

7 x 1 hour Therapy length:

= 7 hours

Workload per machine: 25 % (of 1,680 h)

420 hours per year (= 60 chip cards)

50 %

840 hours per year (= 120 chip cards)

90 %

= **1,512** hours per year

(= 216 chip cards)



Innovation Ace!

Among **three million** medium sized German companies, MedTec Medizintechnik GmbH was awarded **Top-Innovator 2014** by famous host Ranga Yogeshwar.

MedTec, with its patented innovations, is without competition.



