

MEDICAL MAGNUS CLINIC OFFERS:

- Procedures in the field of regenerative medicine in the treatment of orthopedic, rheumatologic and neurological disorders using an innovative method based on the use of patient's own stem cells
- Joints arthroscopy
- Reconstructive procedures of the knee, shoulder and ankle
- Knee and hip prosthetic arthroplasty
- Overuse injury treatment

REHABILITATION

The beginning of rehabilitation immediately after surgery guarantees a shortening of recovery time for patients. We offer special individual rehabilitation programs for patients treated with stem cells.

DIAGNOSTICS

We provide a full diagnostics on site:
X-ray, ultrasound and MRI.



MEDICAL MAGNUS CLINIC

is a modern, multidisciplinary medical center operating in Lodz since 1987. The Clinic offers a wide spectrum of medical services. The center is specialized in the fields of regenerative medicine, orthopedics, rehabilitation and sports traumas. Additionally, we provide services in the fields of: neurosurgery, cardiology and rheumatology.

In 2012 we opened the first in Poland Regenerative Medicine Ward, where Dr Marek Krochmalski applies innovative treatment for orthopedic, rheumatologic and neurological disorders using patient's own stem cells.

Report to us if you experience first signs of pain! Early treatment with stem cells may protect you from joint endoprosthesis!

We help patients from all around the world!

Medical Magnus Clinic

Łódź 90-552, ul. Kopernika 38
e-mail: biuro@mmcenter.pl



P: [+48 42] 253 19 06

www.magnusclinic.pl

**medical
magnus** clinic



REGENERATIVE
MEDICINE

**STEM CELLS
ORTHOPEDICS
NEUROSURGERY**

INNOVATIVE PROCEDURES AND TREATMENTS

The body of every human being contains regenerative stem cells which have the specific ability to "fix" on a regular basis the damage to different tissues. Most of them are present in the bone marrow and peripheral blood, and their production is additionally increased as a result of injury. Stem cells are the only healthy body cells capable of unlimited division, and thus immortal and self-regenerating, while having the capacity to differentiate into other cell types. Stem cells are used, among others, in the treatment of orthopedic injuries including damage to the bone, cartilage, muscles or ligaments, diseases of the knee, hip and shoulder joints, as well as the ankle joints and feet. Obtained from the peripheral blood of the patient, they are administered into the injury site or the affected location, which allows for rapid regeneration of the damaged tissue.

XXI
CENTURY
MEDICINE

medical[®]
magnus clinic

This unique method of treatment was applied in Poland for the first time by Dr Marek Krochmalski, an orthopedist and trauma specialist affiliated with Medical Magnus Clinic in Lodz. In his clinical practice, Dr Krochmalski uses the CD34+ stem cell, which was identified in 2002. This cell has a kind of "intelligence". Introduced into the affected tissue is divided into cell replica, a daughter cell and the second cell, which takes the form of the tissue into which it was given. When administered into the bone, it takes the form of bone cells and into the muscle tissue – that of the muscle cells. The procedures performed by Dr Marek Krochmalski (over 500) yielded in the vast majority excellent clinical outcomes. Treatment with stem cells improved the quality of life for many people, reducing



pain and even dismissing the need for prostheses. The examples of effective therapy include weightlifters – the Olympic bronze medalist Bartłomiej Bonk, the Olympian and world champion Marcin Dolega, or the World Strongest Man Mariusz Pudzianowski.

WHAT CAN BE TREATED USING STEM CELLS?

- injuries of muscles and ligaments
- symptoms of muscular dystrophy
- disorders of the knee joints
- disorders of the hip joints
- disorders of the ankles and feet
- injuries of the shoulder and elbow joints
- nonunion fracture pseudoarthrosis
- rheumatologic diseases

EFFECTS:

- regeneration of damaged muscles and joints
- restoration of the articular surfaces
- reduction of pain
- increased motility range of degenerated joints
 - increased quality of life
- a change in posture, increased daily activity
- in the case of arthropathy, the therapy often provides an alternative to joint prostheses.

