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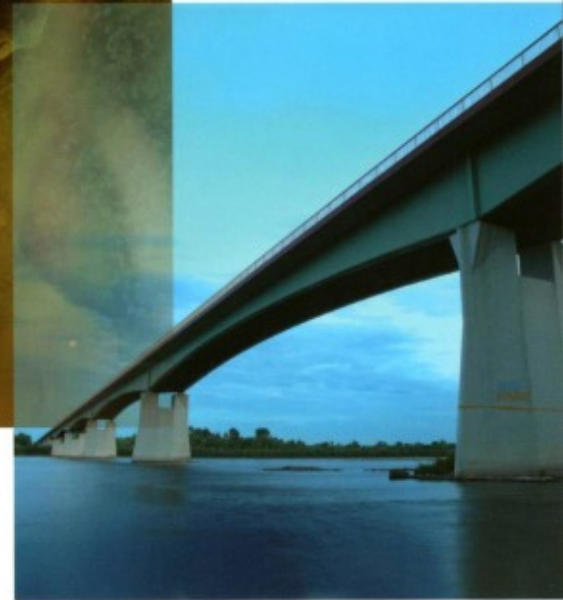
Laureate of the European Medal



## MAZOVIA - INNOVATIVE REGION 波兰的快速现代化进程

Poland's fast-paced modernisation

波兰的快速现代化进程



**Mazovia.**  
heart of Poland

Advanced bioengineering in spinal surgery

# Measuring up to nature

**Nature continues to delight and amaze us and is still unrivalled. The human body is a recognised example of perfection and an ideal of beauty. Man is a perfect whole, which harmoniously combines the body and the senses that allow us to perceive the beauty of the world. We often fail to appreciate the joy of the human being's wholeness given to us by nature. We are able to understand it better when a disease, an accident or the aging process takes our natural fitness away from us and brings us pain and suffering.**

**The question arises: does contemporary knowledge enable us to reconstruct nature and restore the beauty and joy of living?**

Medicine, supported strongly by bioengineering, tries to meet present-day challenges. Relying on existing knowledge and experience gathered over many years, LfC has set itself the goal of measuring up to nature. Protecting people against disability, removing pain, preserving motor fitness, helping people to age healthily and first of all giving people the joy of recovering are the challenges LfC wants to meet.

The company sees a future in the use of state-of-the-art materials and technologies in developing treatment means. It focuses on the spine. Around 25% of the world's population [data from the World Health Organisation - WHO] suffer from spinal problems. The company conducts large-scale interdisciplinary cooperation in the area of medicine and biotechnology, develops new treatment methods and improves the effectiveness of the existing ones. It offers new therapeutic devices – surgical implants – and new procedures for their installation and use.

The central idea of LfC is reflected in its motto: "If we do ..., we do it better." This means that whatever we do it always has to be better and more effective than anything that was done before. Simply, it has to be innovative, especially considering that the sphere in which we operate is health, the most precious value in human life. This innovative idea is what motivates us every day. It lies behind all the tasks we carry out.



LECHOSŁAW  
FRANCISZEK CIUPIK  
President of LfC

Innovation means not only complicated research or technological processes. It is also reflected in efforts to get an insight into the problems of contemporary medicine and spinal surgery, to work out a niche and, consequently, find an effective antidote to spinal problems and back pain, which are so widespread. Thanks to this approach, we are able to help patients suffering from very serious diseases of civilisation, including neurological diseases and cancer.

In our activities, we try "to be ahead of state of the art" because this is the only way which enables us to develop effective methods supporting spine treatment. In developing hi-tech medical products we use state-of-the-art biomaterials and technologies and conduct research using unique research methods.

Close cooperation with physicians is an important part of our activity. It enables us to meet surgeons' needs halfway by giving them innovative tools necessary to provide treatment to patients. At the same time, we make a lot of effort to constantly upgrade the methods and products developed earlier. The main purpose is to be better able to restore health and joy to patients.

Thanks to our hard work, we have strengthened LfC's stable position on the global market in the design and manufacture of surgical devices for orthopaedics and neurosurgery. The company has modern research and development facilities which enable it to pursue an innovation-oriented strategy with a focus on implementation. It also takes an active part in European and international projects.

In recent years LfC has achieved a major success in developing innovative solutions. It has won recognition from physicians specialising in spinal disorders and partners across the world. This success is underpinned by the hard work and passion of many people united by commitment and determination.

Today, LfC is a brand name recognisable in Europe and known in the world as an innovative company. It sees its future in developing new treatment trends, modern surgical methods, unique implant solutions and unique surgical procedures, ones that can measure up to nature.



[www.lfc.com.pl](http://www.lfc.com.pl)

# Measuring up to nature



SURGERY IN BRUSSELS - INTERNATIONAL LfC's TEAM

## Spinal System IDEERO

The diagram features a central illustration of a human spine on the right side, set against a blue background with a grid pattern and glowing lines. Six hexagonal callouts are arranged in a semi-circle around the spine, each showcasing a different LfC product:

- SGL SELF GUIDED LOCK**: SHORT STABILIZATION
- a<sub>s</sub>·C·p**: CERVICAL PLATE
- O·C·A·M**: Double Cervical Anchorage Method
- R·PLIF**: Rigid Distractonal Cage (PEEK, TITANIUM), RECTANGULAR CAGE
- C·Th·L·DISC**: Interbody Fusion (PEEK), INTERBODY CAGES
- ANCHORAGE SYSTEM**: OCCIPITAL ANCHORAGE, HALLMARK ANCHORAGE, MEDULLARY ANCHORAGE



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