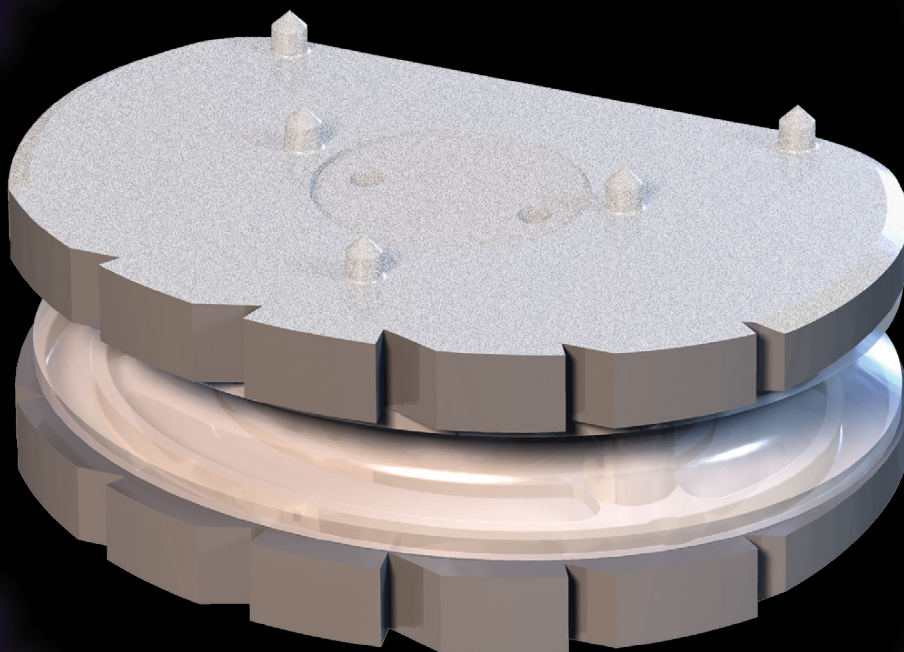


ESP ELASTIC SPINE PAD®
Lumbar Prosthesis



THE LUMBAR LP-ESP® DISC PROSTHESIS
Lumbar disc prosthesis – elastic spine pad



DEAR PATIENT,

Today, back pain and wear and tear of the spine do not just affect people who perform heavy physical labour.

Chronic back pain is experienced by members of all professions and age groups. It is now one of today's most common lifestyle diseases, with the number of cases increasing every day.

Prolonged sitting and lack of exercise are the main contributors to back problems.

INNOVATIVE TECHNOLOGY FOR AN ACTIVE LIFE

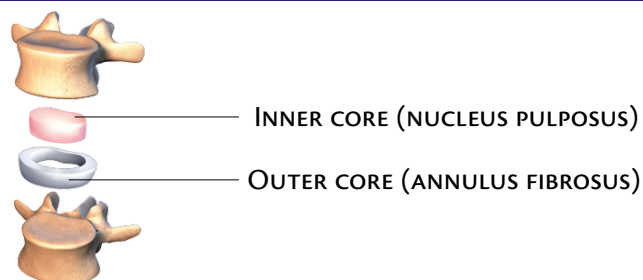
Today's modern diagnostic, therapeutic and technical capabilities allow you to receive proper treatment and maintain your natural mobility without any restrictions.

The invention of the disc prosthesis has considerably expanded the range of treatment options. Younger patients whose vertebrae are mostly stable and healthy particularly benefit from the LP-ESP®. Once the deteriorated disc has been replaced by the LP-ESP®, they can return to their normal professional and leisure activities.

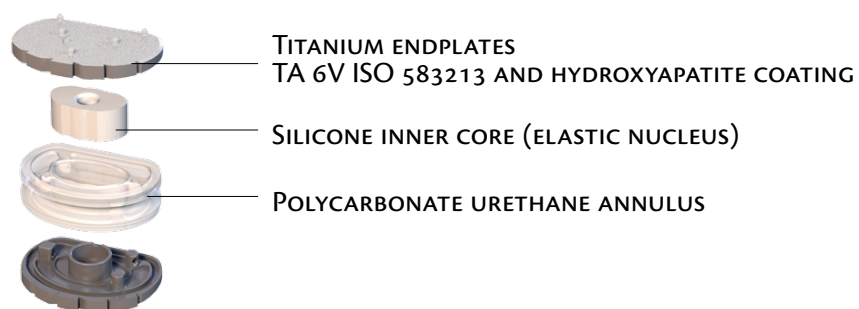
The LP-ESP® disc prosthesis is the result of 10 years of research and the application of innovative cutting-edge technology. In collaboration with leading surgeons, orthopedists and technicians from hospitals and research institutes in Paris, we have developed a disc prosthesis that approximates all functions of the normal disc and which will restore you with the best possible mobility and stability.



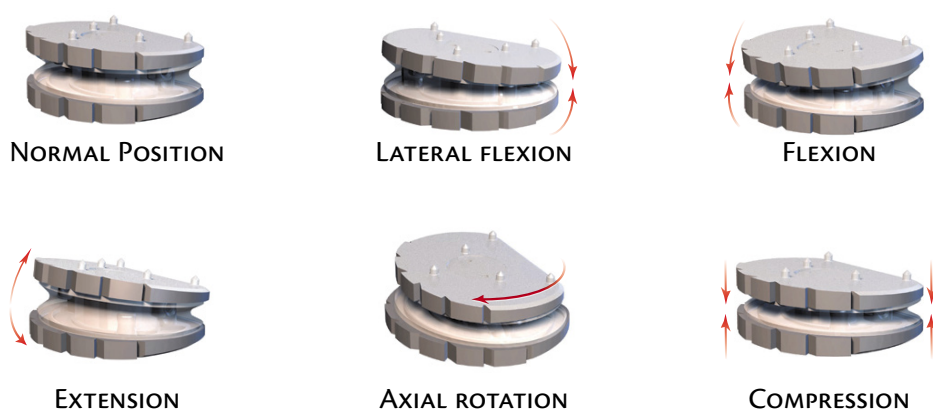
STRUCTURE OF THE NATURAL DISC



STRUCTURE OF THE LP-ESP[®] LUMBAR PROSTHESIS



SIX DEGREES OF FREEDOM RESTORE YOUR "NATURAL" MOBILITY



The LP-ESP® disc prosthesis offers important benefits compared to methods that are still considered to be the “gold standard” today, since all of the segments of your lumbar spine remain mobile. The LP-ESP®’s mobility and shock-absorbing function alleviates pressure on the adjacent segments. With conventional fusion surgery, these segments assume the mobility of the fused disc and are often overloaded.

For you as the patient, this means that your hospital stay will be short. Your mobility will be restored quickly without any unnecessary loss of strength. In turn, you will enjoy a quick return to a normal symptom-free life.



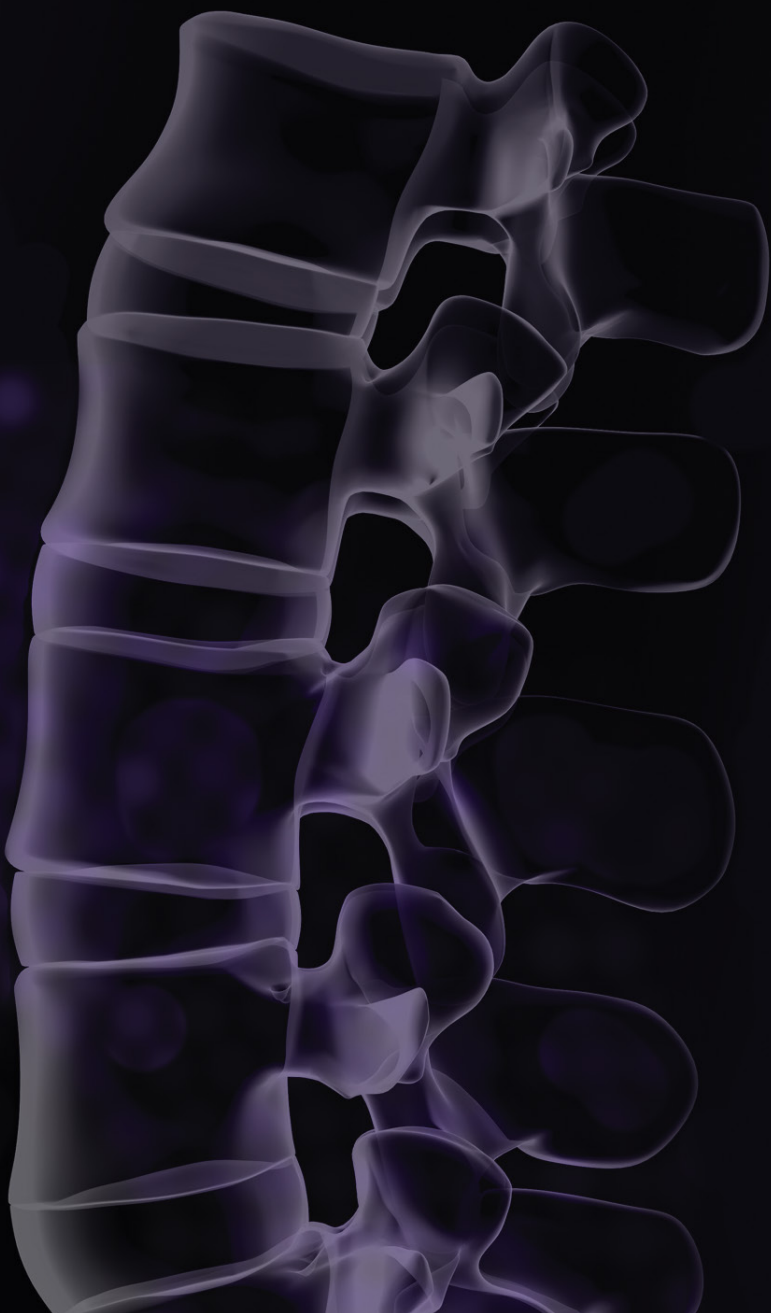
SURGICAL PROCEDURE

The procedure is performed under general anesthesia. An x-ray is taken in order to precisely determine and mark the vertebral level of surgery and the site for accessing the lumbar spine. A midline (transperitoneal or retroperitoneal) approach is used to access the site.

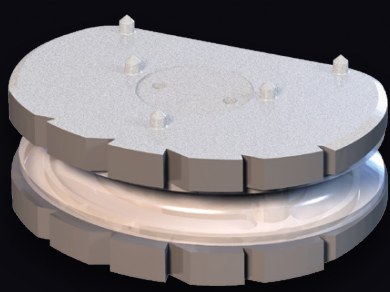
Once the site has been accessed, the affected disc is removed and the disc compartment is prepared for the implantation of the LP-ESP®. The correct level of the spine is determined and then the implant is inserted.

Once the LP-ESP® has been implanted, another x-ray is performed in order to ensure that the prosthesis is seated properly and is at the right level in the disc compartment. The wound is then closed and after a short recovery period, you can start to resume your regular activities and return to your everyday routine.





Recovery and a
relaxed life after
the procedure





FH ORTHOPEDICS

quality for health

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