

biolitec: New laser therapy for herniated discs relieves pain quickly and effectively

Innovative PLDD laser method (percutaneous laser disc decompression) creates new perspectives for herniated discs - Shrinking of the leaked disc tissue by laser can reduce pressure on nerves - Often less pain shortly after the procedure - Facet joints can be treated as well

Jena, 22nd September 2020 - In recent years, back pain has been one of the most common reasons for sick leave. This is hardly surprising, considering how drastically back pain can restrict mobility within a few moments. Back problems, especially in the lumbar or cervical spine, are often the result of herniated discs. In order to relieve the pain, one does not immediately have to undergo a sometimes risky open surgery, as there is the option of minimally invasive methods, including a diode laser from biolitec, which can effectively relieve patients of their pain. Subject to a thorough diagnosis and the "failure" of conventional pain therapies.

In PLDD treatment, the disc tissue is shrunk by laser. Hence, the existing pressure on the nerves can be reduced and the herniated disc can be reduced. Many patients already feel the "radiating" pain subside shortly after the procedure. In biolitec's laser therapy, the heat-related reduction of the intervertebral disc tissue also ensures that pain signals are no longer transmitted to the brain. Thus, chronic pain of the treated person can also be eliminated. Laser therapy is mostly used for patients where conventional methods did not show the desired result in the past. Those who also have problems with the facet joints, i.e. the joints that connect the vertebrae, can have this corrected in the same session.

Another advantage is that the procedure is performed under mild surface anesthesia, whereby the patient remains responsive at all times. In addition, the laser has a sterile effect, and unlike conventional operations, no large incisions are made. Thus, PLDD laser therapy is not only particularly low in infection, gentle and suitable for high-risk patients, but scarring is also significantly minimized. The PLDD laser procedures are offered on an outpatient basis. Post-operatively, patients can usually leave the clinic within a very short time and return to their everyday life after a short regeneration account minor medical requirements.



PRESS INFO

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About the company:

biolitec® is one of the world's leading medical technology companies in the field of minimally invasive laser applications and is offering in the field of photodynamic therapy (PDT) the laser-assisted treatment of cancer with the drug Foscan®, registered in the EU. Since 1999, biolitec® is focused on the development of minimally invasive, gentle laser procedures. The unique **LEONARDO® diode laser** from biolitec® is the first universally applicable medical laser with a combination of two wavelengths, 980 nm and 1470 nm, which can be used in all disciplines. ELVeS® Radial® (ELVeS® = Endo Laser Vein System) is the world's most common laser system for treating venous insufficiency. In proctology, biolitec® offers a maximum sphincter-sparing therapy for anal fistulas as well as treatment options for hemorrhoids and pilonidal cysts. In urology, the range of therapies has expanded from benign prostate hyperplasia (BPH) to bladder and prostate tumors. The LEONARDO® Mini laser, which weighs only 900 g, has been specially developed for mobile applications. Gentle laser applications in the fields of gynecology, ENT, thoracic surgery and pneumology, esthetics, and orthopedics are also part of biolitec®'s business field. Further information is available at www.biolitec.com.

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