PROCTOLOGY
neoV Laser case study

Dr. med. Per Zwiesigk
Colorectal Surgeon
Centre of Laser Treatment in Proctology
Enddarmpraxis am Savignyplatz
Grolmanstr. 44/45, 10623 Berlin
www.enddarmpraxis.berlin
info@enddarmpraxis.berlin
Immediately After Surgery

On day 1 post surgery the patient experienced a slight pain of approximately 3 points on 10-point Visual Analog Scale (VAS). Bowel movement was completed successfully without any difficulty. Visual examination showed normal findings with a necrosis coated wound at 7 o’clock.

Day 1 After Surgery

Intraopertiv Findings

First Contact

Immediately After Surgery

Day 7 After Surgery

Treatment Results

On day 7 post surgery the patient reported a slight bleeding after a long working day which included a significant physical effort. Slight swelling of anoderm was observed only at 11 o’clock, while wound healing process seemed successful. To support the wound healing, an ointment with enzymes of Clostridium histolyticum (Iruxox®) was prescribed.

On week 6 post surgery the patient was very satisfied with the results and elimination of symptoms. He canceled the control appointment by phone and expressed his very high satisfaction and gratitude.

Discussion

Laser Sclerotherapy of Haemorrhoids (LSH) with additional removal of anal prolapsed or skin tags is a safe and effective alternative to common surgery of hemorrhoids with e.g. Milligan-Morgan-Procedure or Ligasure.

It is easily tolerated and managed as an outpatient surgical procedure. When following the clinical protocol developed in our clinic, specifically limiting laser power to 6 Watts, the patient may present with less post-operative pain in comparison to the other common techniques.

After LSH in our clinic, we observe a notably faster recovery and ability to resume normal activities. For the purpose of surgical prolapse removal, the surgeon may also utilize a 300-600 μm bare fiber with 10 Watts and 1470 nm instead of the LSH-probe, as this may allow for a sharper cut and faster cutting effect.