

Surgical Treatment with Radiofrequencies for outpatients with Surgical Benign Ano-Perianal Diseases

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Abstract

Introduction: Nowadays, the occurrence of surgical benign ano-perianal diseases (SBAPD) is raising. Radiofrequency (RF) represents a surgical therapeutic method using high frequency radio waves to perform incisions, excisions and tissue coagulation. The main purpose of the study is to validate the possibility to use RF within the surgical treatment for outpatients with SBAPD; at the same time, a special consideration has been given to appreciate the efficiency of RF compared with other surgical methods.

Material and method: The study presents the results accumulated in 11 years (December 2003 – December 2014) in "PROCTOLINE" International Medical Center; also, we have taken into account the accomplishments on 783 outpatients, submitted to RF surgery for 10 different types of SBAPD. Various RF surgeries (cuttings, excisions, coagulations, curettages etc.) have been performed under local anesthesia.

Results: The necessary time was usually less than 45 minutes, while the post-operative duration for a total healing was in the range of 7 to 45 days. The percentage of minor complications was quite a small one (8,3%). Also, we might appreciate excellent post-treatment results (maximum value of 11 years); Typically, the patients return for periodic postoperative examination at first and fourth week after surgery.

Conclusions: RF represents an efficient, rapid and secure method for the treatment of SBAPD; it may be used in ambulatory, only under local anesthesia, offering to the patient a minimal post-operative discomfort, as well as a rapid, esthetic and functional recovery of wound. By comparison with "classical surgery", the complications are rather minor ones and their percentage occurs in a lesser one.

Key words: radiofrequency, surgery in benign ano-perianal pathology for outpatients, local anesthesia

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