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## HOUSE ANOPLASTY WITH ADVANCEMENT FLAP FOR THE TREATMENT OF ANO-RECTAL STENOSIS

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**Introduction:** Anal stenosis is not a rare disease, as it is believed by many. It happens when the normal skin of the anus is replaced with fibre, tough and non-elastic tissue. There are many reasons causing stenosis. Actually, most of them are due to secondary reasons. The aim of this presentation is to make clear the causes that are leading to stenosis and how to avoid them. Meanwhile, a reference to the surgical procedure that has the best results in patient's follow-up, is considered. Many technical aspects have been used for the treatment of anal stenosis. We perforated house anoplasty with advancement flap. This is a retrospective review of 16 patients to whom house anoplasty was perforated and evaluated the therapeutic effectiveness of the procedure.

**Methods:** House flap anoplasty was performed in 16 patients from 2010 to 2017. The patients suffered from chronic anal fissure, haemorrhoidectomy (Logo, Milligan-Morgan simple or Ligasure assisted), transsphincteric fistula and anal tumours.

**Results:** Postoperative hospital stay was between 3 to 5 days. There were no postoperative complications to any of the patients, regarding the advancement house flap. In a 24 months follow-up, there was no recurrence of stenosis.

**Conclusion:** House advancement flap anoplasty is a safe and well perforated procedure. It combines the advantages of triangular or rhomboid flaps and V-Y flaps in one technique. It can be used at almost all types of stenosis deficiencies and when the operation is perforated from surgeon with appropriate experience, it has a high rate of success and patient therapeutic results.

### Biography

Stefanos Psomas has been qualified as a General Surgeon since 2005. He has been working in Greece and in UK as a Consultant General Surgeon specialized in Colorectal and Anorectal diseases. He had participated in many congresses and has a professional membership of Greek Breast Surgery Society, International Colorectal Cancer Club (ICRCC) and others. He had published many papers and had participated in research. For the last 15 years, he is working in private in Interbalkan Medical Centre in Northern Greece and in Northern General Hospital, NHS, UK as a Consultant General Surgeon in both.

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