Pain Free Post Hemorhoidectomy

Sarkis Yeretsian, MD CSPQ, FRCS (C)

Clinique Medic Aide, Montreal, P.Q. Canada • École Polytechnique de Montréal (LIAB) Montreal Univeristy
yeretsian@sympatico.ca • (514) 836-1562

1. OBJECTIVE OF THE TECHNOLOGY OR DEVICE.

The main objective of my presentation is the description of a surgical technique, Closed Bloodless Hemorrhoidectomy (CBH), and surgical instrument to relieve the pain after hemorrhoidectomy.

2. DESCRIPTION OF THE TECHNOLOGY AND METHOD OF ITS USE OR APPLICATION.

CBH description: Under local anesthesia with xylocaine 2% using a forceps a gentle traction is applied at the perianal skin outside mucocutaneous junction and eversion of the hemorrhoidal complex is obtained. No anal retractor is used. For a complex internal and external hemorrhoid on the same line a curb crile is applied at the base of internal hemorrhoid. A running suture is passed under the crile from the anal canal to the perianal skin. The knife is applied at the concave aspect of the crile and excision of the internal is performed. The same procedure is repeated for the excision of the external hemorrhoid. Hand sown technique is time consuming. Two identical biodegradable polymeric clips have been developed. Those clips are inserted in the gutter of a special forceps. Closing of the forceps will clutch both clips together allowing the excision of the hemorrhoid over the forceps. Hemorrhoidectomy performed with biodegradable polymeric clips could achieve the same results as hand sown suturing technique. The clips will be encapsulated with lidocaine and nifedipine, for progressive liberation, to relieve the pain and the spasm of the internal anal sphincter. Suturing technique with clips will speed-up hemorrhoidectomy.

3. PRELIMINARY RESULTS IF AVAILABLE.

Preliminary results are not available.

4. CONCLUSIONS/FUTURE DIRECTIONS.

Many invasive and noninvasive methods were suggested to relieve the pain after hemorrhoidectomy neither one is effective and they are associated with frequent side effects. Hoping that my proposal could resolve the thorny symptom of pain after hemorrhoidectomy.