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Endoskopik-Laparoskopik Cerrahi Derneği (E.L.C.D.)'nin Yayın Organıdır.

Gilbert's hernia repair (sutureless prosthetic repair)

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The Gilbert's technique for hernia repair is a prosthetic Hernia repair technique. It is a Sutureless repair, in which no suture is used except for the one of the external oblique aponeurosis. The operation is performed under local anesthetic block of Lidocaine and Bupivacaine. After skin incision the external oblique aponeurosis is opened. The cremasteric fascia is opened and its medial flap excised. The internal spermatic fascia is also opened. The hernia sac is isolated. After reduction of the peritoneal sac, a Prolene plug is inserted through the internal ring, and the posterior wall is reinforced with a second swatch of Prolene Mesh. Both swatches of mesh are held in places by the body's internal hydrostatic forces. Being sutureless no tension is placed on any layer, no holes have done on muscles that are intact. This procedure has been used in 1152 inguinal hernia repairs. The results have been satisfactory: 3.6 % of complications and 0.26 % of recurrences.