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**Crucial anatomy and technical cues for laparoscopic transabdominal preperitoneal repair: Advanced manipulation for groin hernias in adults**

Yasukawa D *et al.* Laparoscopic TAPP repair

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## Abstract

Groin hernias include indirect inguinal, direct inguinal, and femoral hernias. Obturator and supramesic hernias appear very close to the groin. High-quality repairs are required for groin hernias. The concept of “tension-free repair” is generally accepted, and surgical repairs with mesh are categorized as

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Inguinal hernia **repair** is one of the most common surgical procedures performed in the world, with 20 million performed worldwide and 800,000 in the United States annually [1–4]. Refinement of techniques and mesh-based tension-free repairs has resulted in a decrease of hernia recurrence rates to between 1% and 5% [5]. Chronic postoperative inguinal pain (CPIP) is now the most significant ...

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