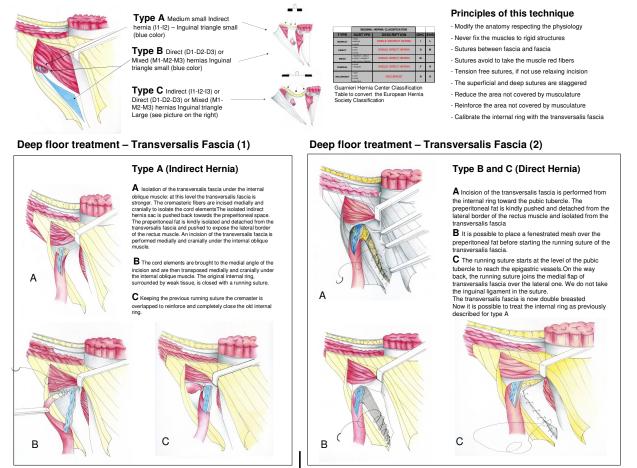
The Guarnieri's method for inguinal hernia repair, towards a customized surgery: different diagnosis, different technique and avoid mesh.



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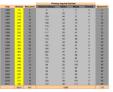
ABSTRACT The basic principle of the Guarnieri's technique is to modify the anatomy preserving the physiology. The anatomy is modified reducing and reinforcing those areas not well represented by the musculature . The physiology is preserved performing sutures without fixing the muscles towards rigid structures like the inguinal ligament. The sutures are always performed between fascia and fascia without blocking the red muscular libers. A mesh in preperitoneum can be used to reinforce the posterior wall. This happens now in less than 5 %. The preperitoneal mesh does not alter the physiology of the inguinal canal. The operation changes if a different natatomy is encountered; it is basically a tailored surgery. We are considering three different inguinal thraingle strangle (Type C). The treatment of the deep floor changes for every type: For type A we perform a new internal ring in a stronger area of the transversalis fascia well protected by the internal oblique muscle. The old ring is completely closed and covered by the cremasteric muscle (1). For type B and C we perform the same procedure as described for type A but first we overlap the transversalis fascia to make it flatter and thicker (2). The treatment of the deep and outer the cord after the exit of the spermatic cord and over the cord in the same manner where the inguinal canal is well represented by the internal oblique muscle (see picture). In this way a new external ring is created. For type C the procedure is the same as type A and B, but a relaxing incision is performed on the redus muscle fascia can be overtured on the external oblique flatesia to later the subjectibulit is red different and owner the cord in the same manner where the inguinal canal is well represented by the internal oblique muscle (see picture). In this way a new external ring is created. For type C the procedure is the same as type A and B, but a relaxing incision is performed on the reacture subject and redistribute its red fibers laterally. The lateral flap of the recutus m



Superficial floor treatment – External oblique aponeurosis (3)

When it is better to avoid the rectus muscle relaxing incision The relaxing incision on the rectus muscle fascia can be performed to lateralize the rectus muscle towards the inquinal ligament. This procedure reduce the

The relaxing incision on the rectus muscle fascia can be performed to lateralize the rectus muscle towards the inguinal ligament. This procedure should be advanced to the inguinal triangle and releases the suture tension. This proceedure should be used when the rectum encode is storag and the inguinal triangle is well be rectured as the should be avoided when the muscle is weak or faily.



From December 1988 till December 2011