

# **Laparoscopic Nissen fundoplication with fibrin glue: Experimental study on pigs.**

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## **Abstract:**

Nowadays laparoscopy shows a great development in the pediatric age group. Pediatric surgeons are now able to study the possible applications in pediatric surgery of this new and fascinating procedure. A mandatory laparoscopic training to perform any important operation is clearly essential. Only a few cases of Nissen fundoplication have been reported in children. We suggest this experimental study in which we add a technical modification by using fibrin glue to tighten the gastric wrap on the esophagus positioning only two stitches at the extremes of the suture. The results were interesting and we think it an excellent starting point for a future clinical application of this new technique.