Laparoscopic Ligation of Internal Spermatic Vein for Treatment of Infertility

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Abstract

About 300 cases were performed, with a pregnancy rate of 39.6%. In all cases of pregnancy there was a significant improvement of the semenogram in number, viability, or both. No significant complications occurred. In all but one instance the patient was discharged the same day. Surgery was routinely done on Friday, and the patient returned to work on Monday. Bilateral procedures were done in slightly over 60% of cases, and this lengthened the time of the procedure by 10–15 minutes. Varicocele was diagnosed on the basis of clinical examination by two urologists.

Learning curve to safely do the operation was short. Our most significant complication was a spinal headache. Hydroceles, which resolved with observation, were noted on several occasions, and one hernia occurred at one of the ports.

This is an historical video of an important urological procedure that may be of interest to urologists today. The content of the video reflects the views of the authors, and the techniques and technologies used by the authors, at the time the video was produced. The complete author disclosures are no longer available.

Runtime of video: 10 min 15 sec

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