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Robotic ureteral reimplantation and psoas hitch for repair of a rare case of salpingoureteral fistula and literature review

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Introduction & Objective: Iatrogenic ureteral injuries are unfortunate complications of surgery, ranging from 0.05 to 30%. While some are discovered intra-operatively, some are missed and are identified and repaired in a delayed fashion. Salpingoureteral fistula is a very rare diagnosis with only 4 reported cases in the literature. We reported a case of a 43 year-old female patient status post caesarian section with a salpingoureteral fistula successfully repaired with a robotic ureteral reimplantation and psoas hitch.

Methods: Literature review of salpingoureteral fistula and description of a 43 year-old female patient status post caesarian section with a salpingoureteral fistula repaired with a successful robotic ureteral reimplantation and psoas hitch was done.

Results: Salpingoureteral fistula is a rare diagnosis with only 4 reported cases in the literature. There are multiple modalities available for diagnosis and management of salpingoureteral fistula. Robotic repair of a salpingoureteral fistula has never been reported. Robotic ureteral reimplantation and psoas hitch is a safe and effective method for repair of a salpingoureteral fistula.

Conclusions: Salpingoureteral fistula is a rare diagnosis with only 4 reported cases in the literature. Robotic ureteral reimplantation and psoas hitch is a safe and effective method for repair of a salpingoureteral fistula.

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Laser surgery in glaucoma treatment

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For more than 30 years, patients with glaucoma have been treated with laser trabeculoplasty. While looking for an effective and save alternative to argon laser trabeculoplasty, Mark Latina et al. develop the selective laser trabeculoplasty. For nearly 12 years of usage, it not only replaces argon laser trabeculoplasty, but also establishes as a trustful method for IOP lowering with extremely low post-operative complications. The results of many researchers prove that selective laser trabeculoplasty is successful in wide range of open angle glaucoma patients. Recent data shows that under some conditions, patients with angle closure glaucoma and steroid induced glaucoma can also be treated. One of the most discussed issues about the selective laser trabeculoplasty remains the duration of the IOP-lowering effect of the procedure. The procedure shows a very good IOP lowering effect as a first line therapy as well as when it is used as an adjunctive therapy to a drug treatment. The aim of presentation is to summarize the information in the open literature about mechanisms of action, indications, procedure modifications and effectiveness of the selective laser trabeculoplasty.

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