

Treatment of post-prostatectomy rectourethral fistula with fibrin sealant (QuixilTM) injection: A novel application.

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Abstract:

Rectourethral fistulas in adults is a rare but potentially devastating postoperative condition requiring complex and demanding surgery. Fibrin glue treatment has been used with some success in anal and rectovaginal fistulas, and in the case we present here this indication has been extended to a postoperative rectourethral fistula following radical prostatectomy. For the first time, to our knowledge, a fibrin sealant (Quixil) was injected into the fistula tract, and a rectal mucosal flap was used to close the internal opening. The fistula healed in few weeks, and the patient is symptom free after 1 year of follow-up. hemorrhoids [10]. In a Medline search, only 28 papers dealing with postoperative rectourethral fistula in adults were found, in which a total of 165 cases were reported, including 30 cases following war wounds [11]. Although rare, this disease is quite difficult to treat, often requiring complex or demolitive surgery with an uretherocutaneous stoma. Fibrin sealant injection has been used in some complex and recurrent anal [12-16] and rectovaginal fistulas [17] with some success. In this study, we report for the first time a successful conservative treatment of a postoperative recto-urethral fistulas after retropubic radical prostatectomy by means of fibrin sealant injection. © Springer-Verlag 2010.