

## Clinical Image

# A Case of Rectovaginal Fistula Treated with Bovine Pericardial Tissue

Giuliani A, Romano L\*, Schietroma M and Carlei F

Department of General Surgery, University of L'Aquila, Italy

## Clinical Image

A rectovaginal fistula is a communication between the anterior wall of the rectum and the posterior wall of the vagina. Many surgical approaches have been proposed, but its treatment is still considered complicated. A 34-year-old patient presented with a low rectovaginal fistula of about 2.5 cm, resulting from obstetric injury during eutocic delivery. The patient was already treated with conservative therapies. We decided to adopt a surgical approach. After dissection of the rectovaginal septum and fistulectomy (Figure 1), a mesh of bovine pericardial tissue was fixed in the rectovaginal space (Figure 2). Three months after surgery, a transrectal ultrasound showed a good and complete integration of the patch. One year follow up showed no recurrence of the fistula and no complications.



Figure 1: Dissection of the rectovaginal septum and fistulectomy.



Figure 2: A mesh of bovine pericardial tissue was fixed in the rectovaginal space.

**Citation:** Giuliani A, Romano L, Schietroma M, Carlei F. A Case of Rectovaginal Fistula Treated with Bovine Pericardial Tissue. *Ann Clin Case Stud.* 2019;1(2):1006.

**Copyright:** © 2019 Giuliani A

**Publisher Name:** Medtext Publications LLC

**Manuscript compiled:** June 06<sup>th</sup>, 2019

**\*Corresponding author:** Romano L, Department of General Surgery, San Salvatore Hospital, University of L'Aquila, L'Aquila, Italy, E-mail: lucia.romano1989@libero.it