

# **Fibrin glue vs. nylon in the anastomosis of rabbit fallopian tubes.**

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## **Abstract:**

Fibrin glue was used in end-to-end tubal anastomosis on eight sexually mature female New Zealand white rabbits. The right fallopian tubes were anastomosed with 10/0 nylon and the left with fibrin glue (Tissucol). The animals were mated with males of proven fertility six weeks after surgery and killed two weeks later. The gestational sacs and corpora lutea on the right and left sides were counted separately and the nidation index calculated for each. The presence of adhesions was also evaluated. All the tubes were finally examined under a scanning electron microscope. The fibrin glue was satisfactory in terms of patency, pregnancy and morphology of the epithelium.