

# **Fibrin adhesive versus sutured anastomosis: A comparative intra-individual study in the small intestine of pigs.**

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## **Abstract:**

The small intestine in each of ten pigs was subjected to three anastomoses: one sutured anastomosis and two non-suture fibrin adhesive anastomoses in an intra-individual controlled comparison. There was no significant difference in the in vivo bursting strength after 7 days. Thus, the two types of anastomoses were of equal strength. It is concluded that it appears possible to achieve a safe sutureless anastomosis in the small intestine, with fibrin adhesive alone.