

Prophylaxis of insufficiency of gastrointestinal anastomoses.

[Russian]

Authors: Chernousov A.F., Khorobrykh T.V., Antonov O.N.

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Abstract:

Experimental and clinical results of use of fibrin glue for strengthening "high risk" sutures of anastomoses in elective surgery of the esophagus, stomach and urgent abdominal surgery are presented. In experimental studies this glue permitted to increase mechanical strength and containment of anastomosis, to accelerate microbial elimination, activated reparative processes. In clinical practice fibrin glue permitted to avoid suture insufficiency of gastrointestinal anastomoses in the most unfavorable conditions (peritonitis, acute intestinal obstruction, oncological process, etc). It is concluded that fibrin glue is the high effective protective agent for gastrointestinal anastomoses.