

# **Closure of lung lacerations by fibrin adhesive. Experimental investigations. [German]**

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## **Abstract:**

The effect of the fibrin adhesive on the gas density of pleura-lung-sutures was investigated in 28 male Wistar rats. Standardized pleura-lung-lacerations were closed by additional fibrin adhesive application in combination with fibrinolytic inhibitors. 30 minutes and 5 days after operation the animals were sacrificed and manometric and micromorphological examinations performed. In good histo-compatibility the additional application of the fibrin adhesive proved to be a proper technique in elevating the pressure tolerance of pleura-lung-sutures significantly.