

# **Comparative evaluation of peripheral nerve regeneration through autologous vein grafts with and without fibrin glue application.**

## **[Italian]**

Authors: Cavallaro G., Catalano A., Accordino A., Costa F., Saitta M., Colonna M.

Publication Date: 1989

### **Abstract:**

The Authors present two experimental patterns of peripheral nerve regeneration through autologous venous graft, without and with fibrin glue respectively. In 48 Wistar albino rats weighing about 250 gr, 1 cm, gaps were filled by 1.2 cm autologous vein grafts. The animals were divided into two groups: in the former fibrin glue was used for suture stabilization, whereas in the latter it was not used. Serial histological sections were carried out in order to evaluate fibrin-induced fibrosis in the anastomosis sites and its interference in nerve regeneration.