

# **A thoracoscopic technique with fibrin glue and polyglycolic acid mesh for the injured lung during thoracoscopic operation. [Japanese]**

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## **Abstract:**

The injury of the lung occurred during thoracoscopic operation, especially, of the fragile, severely emphysematous lung is often difficult to treat. A fibrin glue spraying device in which an air compressor was connected to an intravenous catheter was constructed, and connected to a Dupuloject syringe. Fibrin glue was administered by spraying on the target lesion under a thoracoscopic vision. The procedure was done while the tip of the intravenous catheter was held and manipulated with forceps through a thoracoport. And then, the polyglycolic acid (PGA) mesh that had been cut into small pieces was put on the target lesion with forceps. Fibrin glue was sprayed on the lesion again in the above-mentioned manner. When necessary, the procedure was repeated. Our technique during thoracoscopic operation may be easy to manipulate and be able to apply the target lesion uniformly within a short time with a successful repair.