

# Pulmonary Embolism after Cranioplasty in a Patient with Hemiplegia due to Cerebral Infarction

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**Abstract :** A pulmonary embolism is a life-threatening complication during the perioperative period. This report describes a patient with hemiplegia due to cerebral infarction who developed a pulmonary embolism after cranioplasty. A 63-yr-old male underwent cerebral decompression surgery for cerebral infarction 18 days before this surgery. He had been on rehabilitation for hemiplegia. Cranioplasty was performed. Sixteen hours after the operation, a pulmonary embolism developed. The continuous infusion of unfractionated heparin and percutaneous cardiopulmonary support for 4 days improved the patient's condition. He was thereafter discharged with no sequelae related to the pulmonary embolism 22 days after the event.

**Key words :** Pulmonary embolism, Cerebral infarction, Hemiplegia, Neurosurgery