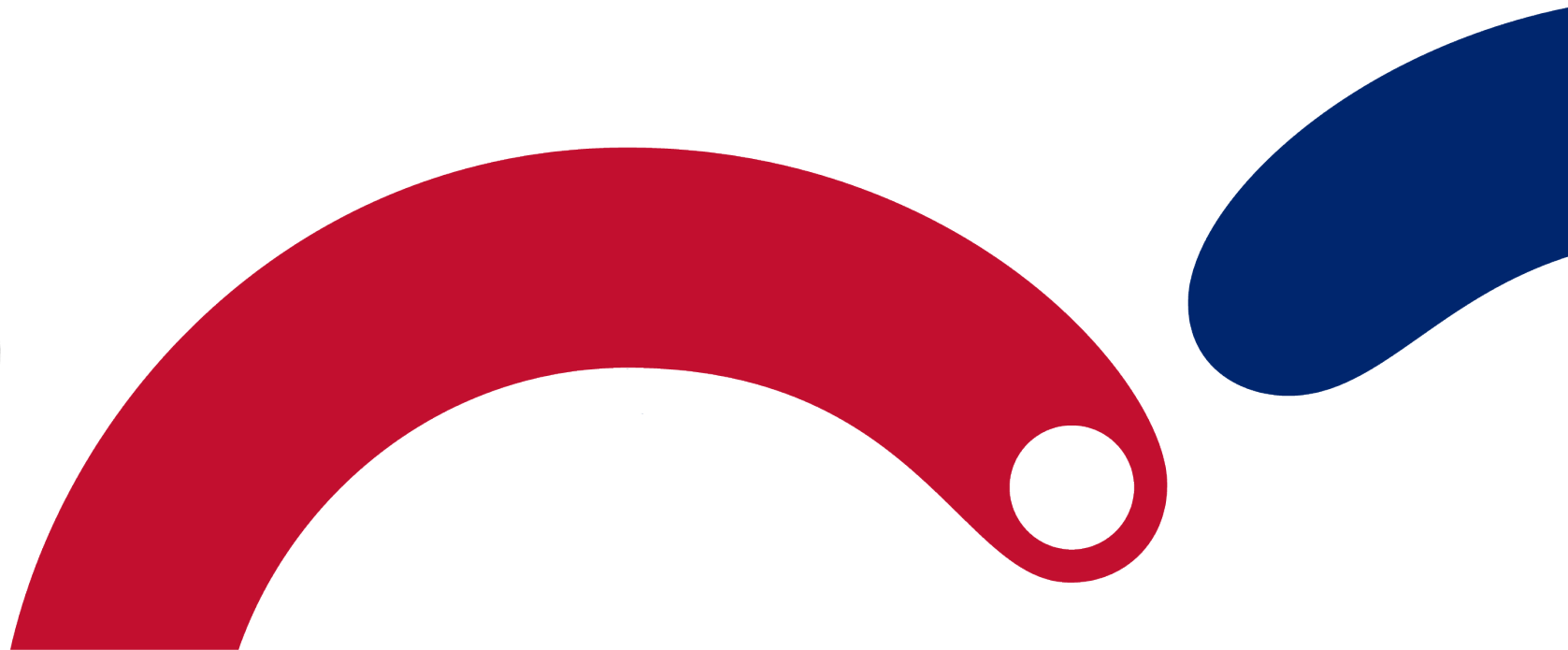


Case Report

A case of application in the interventional treatment of complex aneurysms



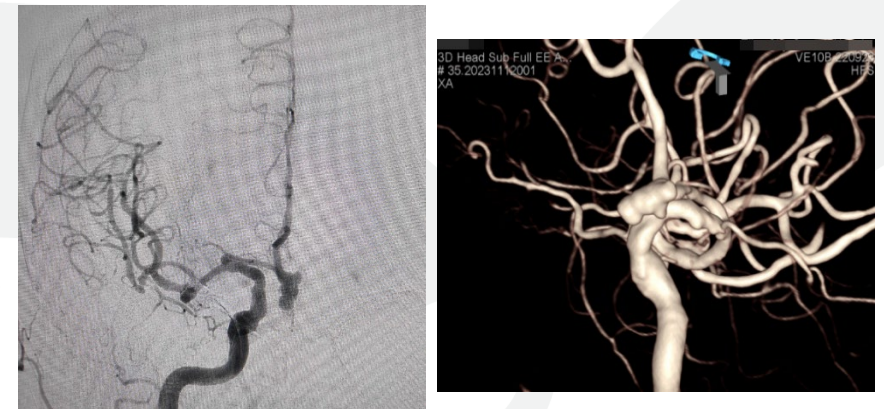
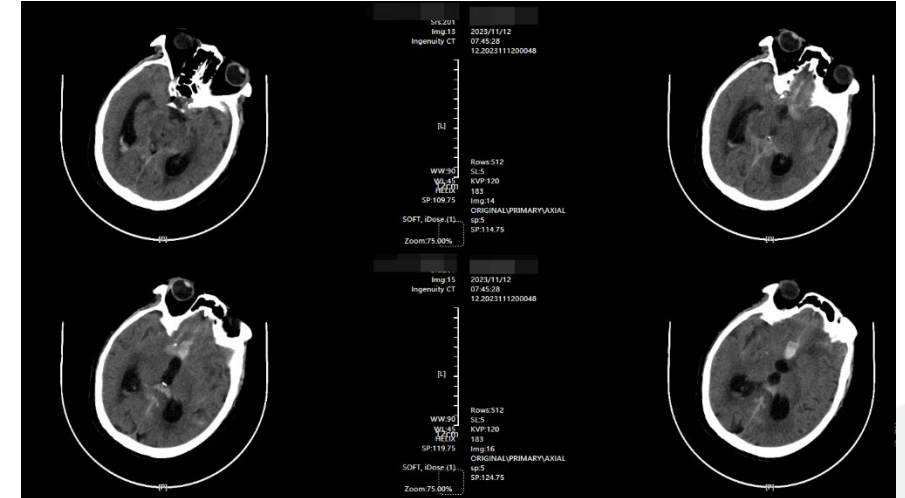
Patient information

- Female, 86 years old
- A sudden unconsciousness for 3.5 hours
- Cranial CT showed: Subarachnoid hemorrhage

*Courtesy of:
Bo Yang, Zibo Central Hospital*

Preoperative Examination

- CT showed hematoma in the mediastinal fissure
- Cerebral angiography and 3D reconstruction showed an anterior communicating artery aneurysm, size about 7.6*5.2*4.8mm, width 3.8mm



Procedure

- 6mm*20cm GEKKO Coil formed into a basket, 5mm*15cm, 4mm*12cm, 3mm*8cm GEKKO Coil filled with the aneurysm and the two sub-aneurysms underneath, the sub-aneurysms filling completely relies on the ability of the coils to find the space, and the embolization effect is good.
- 2 GEKKO coils (2mm*4cm, 1.5mm*3cm) were filled. The coil was successfully inserted into the aneurysm.



Postoperative Angiography

- Postoperative anterolateral view showing good embolization of the aneurysm and good blood flow in the carrying artery
- Repeat cranial CT scan showed no significant change in mediastinal fissure hemorrhage from previous scan

