

Simplified azygos anterior cerebral bypass: Y-shaped superficial temporal artery interposition graft from A2 with double reimplantation of pericallosal arteries: Technical case report

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BACKGROUND AND IMPORTANCE:: Trapping with distal revascularization is a therapeutic option for giant aneurysms that cannot be clipped or coiled. In skull base lesions such as meningiomas, arterial encasement is often present, requiring, in some cases, revascularization procedures: extracranial-to- intracranial bypass and more recently intracranial-to-intracranial techniques. These techniques are used only in exceptional cases of tumors in other localizations. **CLINICAL PRESENTATION::** We report a case of a recurrent malignant frontal falx meningioma with encasement of both pericallosal arteries (PcaAs). During resection of the lesion, the left PcaA was sectioned and the right PcaA was occluded for manipulation and coagulation of the tumor. The occlusion was diagnosed with indocyanine green videoangiography. A Y-shaped superficial temporal artery graft was obtained in the right side, and the anterior cerebral artery circulation was reconstructed using an intracranial-to-intracranial bypas