

Cranial nerve pareses following wrapping of a ruptured dissecting vertebral artery aneurysm: A possible complication of cyanoacrylate glue - Case report.

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Abstract:

A 51-year-old female with a ruptured dissecting vertebral artery aneurysm underwent an uneventful wrapping technique using Biobond-soaked gauze through a unilateral suboccipital transcondyle approach. On the 3rd postoperative day, she developed pareses of the ipsilateral VII through XII cranial nerves. Daily intravenous administration of 300 mg of hydrocortisone was started. This treatment was continued and dosage was tapered until the 10th postoperative day. The cranial nerve pareses deteriorated until the 8th postoperative day, but slowly resolved by 3 weeks after surgery. The patient was discharged with slight hoarseness and dysphasia 5 weeks after surgery. She had only slight hoarseness at 6 months. This complication was probably due to a neural toxic response to the Biobond.