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E-BABE-The surgical treatment of JNA – 5 years experience

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Perform a retrospective analysis of JNA surgery and evaluate recurrence. From 2013 to 2018 73 patients with JNA stages Fisch- Andrews I-IIIb (7-18 years old) were operated. 93 operations (20 revisions) were performed, 7 open approaches, 86 transnasal endoscopic. The 58 patients were radically operated (2 recurrence), 12 patients had a residual tumor component (RTC) (9 continued growth) and 3 patients were scheduled for 2 stages of surgical treatment. Revisions was performed in 14 patients (7 radical, 2 RTC without continued growth). 5 patients had continued growth and they underwent a 2nd revision (2 radically, 2 RTC without continued growth). 1 patient underwent the 3rd revision, then the patient was sent for radiation therapy. We had a relapse or continued tumor growth in 11 patients (15.1%) after the first surgery. Of the 14 patients who underwent secondary surgery (3 patients planned second stage), we had a continued growth in 5 patients (35.7%). In our group: 65 were radically operated, in 7 patients the RTC without continued growth, 1 patient received radiation therapy. Follow-up of all patients from 3 months to 5 years.

Conclusion: All patients who underwent revision for continued growth had IIIa-IIIb stages Fisch-Andrews. Continued growth was observed in patients with RTC in the pterygoid process and the large wing of the sphenoid bone. The risk of recurrence of JNA is increasing with number of surgery.

Biography

Vorozhtsov Igor Nikolaevich has completed his PhD at the age of 31 from D. Rogachev's National Research Center of Pediatric Hematology Oncology and Immunology. He is the senior researcher of the Head and Neck Surgery with reconstructive plastic surgery department of this center. He has published 5 articles in reputed journals, and over 30 articles in Russian journals.

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