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The main causes of aesthetic and functional complications after the rhinoplasty

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Popularity of the nasal aesthetic surgery increases year by year, through this, unfortunately, grows the number of complications. The aim of this study is to systematize the complications after the rhinoseptoplasty and establish the cause-consequence bond between aesthetic and functional problems, arising after endonasal functional operations, as well as after only aesthetic interventions. 119 cases of revision rhino/rhinoseptoplasty were analyzed for period 2009-2015 in our clinic (102 female and 17 male in age range 24-63 years). 68 patients previously undergone aesthetic rhinoplasty (13 of them – repeatedly), 24 patients had functional-aesthetic operation (rhinoplasty and mainly sub-mucosal resection of nasal septum by Killian) and 27 patients undergone only sub-mucosal resection of nasal septum by Killian. 91.7% of patients were previously operated in different clinics. In result, after the questioning and objective examination (nasal endoscopy, rhinomanometry, CT scan), 38 patients had only aesthetic problems, 5 patients had functional and most of the patients (76) – had both. 68 revision rhinoplasty and 51 revision rhinoseptoplasty (18 of which by extra-corporal reconstructive septoplasty, 24 – by subtotal septoplasty, 9 – by septoplasty in situ) were made with a good result and with elimination of aesthetic and functional problems. The complications after the rhinoseptoplasty can be divided to aesthetic and functional. However, principal number of patients (according to our study) has both types of complications. It confirms the fact, that rhinoplasty is the operation, that is situated at the intersection of the plastic surgery and ENT surgery, that, unfortunately, causes a lot of problems for patients. In this way, the successful result of rhinoplasty directly depends on plastic surgeon's skill to operate not only external nose, but also internal nose. On the other hand, during the functional procedure, it always important to understand the consequences of one or another change of the nasal support structures to the form of the external nose.

Biography

Tatjana Bogdanova completed her PhD from Riga Stradiņš University in 1989 and Post-doctoral studies as an Otorhinolaringologist from Riga Stradiņš University. She works in Dr. Med. E Jurshevich's Clinic of Aesthetic Medicine as the ENT doctor. She is a member of Latvian Otorhinolaringologists Society, ERS (European Rhinologists Society) and RhSoEu (Rhinoplasty Society of Europe). She published the abstracts for Baltic Otolaringologists Congress and annual RhSoEu members meetings.

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