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### Rehabilitation of children with microtia

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**Purpose:** Frequency of a congenital anomaly of an ear in the European countries meets 1:6000 newborns, in the USA microtia and anotia meets at 3 of 10000 newborns, in Japan this indicate 1:4000, In the Asian countries of Pacific ocean high frequency of these figures, to 1:900 is marked. According to ENT Department of TPMI in Uzbekistan the microtia and anotia meets 1:2000 children. In the Aral Sea region the data is considerably above and has made 1:650 newborn. The purpose of this research was studying a condition of otoplasty in Uzbekistan in the past, its condition now and to find optimum methods for improvement of operative treatment of patients with congenital anomaly of ear and to present our result for reconstructive surgery of the congenital and acquired general defect of ear.

**Materials & Methods:** We surveyed more than 150 children, which were operated in the Tashkent Pediatric Medical Institute Clinics. The given operations were made during 2003-2016. If to compare the previous operations, which have been carried out till 2003, and operation now it is possible to see on significant improvements of quality of operation. But the main thing - the result did not justify expectation of patients. Tactics of operation demanded a basic change in all technique of operation.

**Results:** Postoperative care of patients also demanded a basic change. The main thing which was absent in such operations was correct care of patients. Using modern technologies, we have considerably made progress in rehabilitation of children with microtia in Uzbekistan.

**Conclusions:** Second-stage method reduces time of surgical intervention and it turns out single-stage formation framework of auricle. The framework, formation in three dimensions' gives more the best aesthetic result. We hope, that the future technologies will be more noninvasive and will give that result the patient of whom they dream, i.e. they will receive natural ear.

### Biography

Murod Jafarov has graduated from Tashkent pediatric medical Institute (TashPMI) and he passed residentship by otorhinolaryngology (TashPMI) and also plastic surgery in Yonsei University College of Medicine (Seoul, Korea). During last 10 years he passed training and as visiting professor in the Plastic surgery of Department Stanford University's Lucile Packard Children's Hospital and Plastic surgery Department of Massachusetts General Hospital of Harvard University and Plastic surgery Department of Florida University. At present he is Director of Republican Center of pediatric plastic surgery of the Clinic Tashkent Pediatric Medical Institute.

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