

## Modern Aspects of Trauma of the Nasal Cavities

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**Abstract:** This article provides prevention, treatment, and prevention of life-threatening factors of nasal injuries, injuries to the cavities adjacent to the nose, manifested by rupture of the wall of the nasal cavity, fracture, and penetration of bone fragments into the cavity.

**Keywords:** Injuries, nasal bones, nasal cavity, symptoms of nasal trauma, diagnosis.

Injuries of the lateral cavities to the nose and nose occur more often in life, which occur in military and sports activities, in manufacturing enterprises, in blind transport events, during an epilepsy attack.

Depending on the strength and nature of the impact of the body that caused the stroke, its direction and how deep it penetrates into the tissue, the injury to the nose can be either open (open wound of the skin covering) or closed (non - breaking of the skin covering).

Closed wounds include-eating lat, bleeding into soft tissues, swelling, fracture of the nasal bones, accompanied by the appearance of concomitant cavities in the nose by the walls, the eyelid, cheekbone, the silcification or siljimas of the excretory cavity cages.

Open jarring is divided into torn, cut, superficial and chukur, wounds that have penetrated or have not penetrated the nasal cavity. Injuries that enter the nasal cavity are most often caused by a body with an acute tip. Bunda is accompanied by a rupture of the mucous membrane of the nasal cavity, blood flow from the nose, infection into the nasal cavity and adjacent cavities in the nose, the development of nasal obstruction hematoma and abscess. When the direction of the body with an acute tip is directed to the upper wall of the nasal cavity, a fracture of the sieve plate can be observed, in which the patient flows the cerebrospinal fluid.

Often, as a result of the fracture of the cartilage of the nasal bones and nasal barrier, or protrusion between the nasal bones and the forehead growth of the upper jaw, the outer nose is smoothed to the side. Sometimes a forehead swelling fracture of the upper jaw is observed.

Often, in facial injuries, there is a decrease or complete loss of visual acuity (amnesia), blood flow to the bottom of the eye alma (hyphemas), tuberculosis of the eye alma (enofthalm), paralysis (diplopia) as a result of compression of the eye-moving muscles.

Injury of the lateral cavities to the nose is manifested by rupture of the wall of the cavities, fracture, penetration of bone fragments into the cavity. In addition, they are divided into injuries that do not spread or spread to the cranial cavity.

A fracture of the wedge cavity walls is also a fracture of the base of the skull, a relatively threeraydi and vision nerve fiber, accompanied by an injury of the internal sleeping artery, causing a blood flow or aneurysm of the wall of the last sleeping artery from the wound to the cause of death.

In the case of a nasal injury, blood flows from the nose, bruises appear on the skin of the nose and on the eyelids, a swelling of soft tissues and subcutaneous emphysema, silcification of bone fragments are observed. As a result of a violation of the breathing activity of the nose or the closure of smell cognition cracks, the patient's ability to know the smell decreases, when the smell cognition nerve fibers are disconnected – the smell cognition activity of the nose is completely lost.

It is put on the basis of patient complaints, Anamnesis, external examination, palpation, sensing, rhinoscopy, endoscopy X-ray, computer tomography.

When external examination and palpation, it is determined that the area of the jarohat hurts, there is a swelling of soft tissues, a violation of the external nasal shape. The fact that the nose is shaken to the side, majagled, the joints when the nose is palpated (a sign of a staircase), the pathological mobility of the bones and the fragility of the bone fragments indicate that the bones of the nose are broken, when pressing, the subcutaneous gnashing - the excretory bone is broken and the mucous membrane is torn.

The nature of the injury of the lateral cavities to the nose and nostrils, the depth, the general condition of the be-Marie are taken into account. Emergency medical care consists in pain relief, stopping bleeding, giving primary surgery and sending the patient to the hospital immediately. In the case of an open wound of soft tissues or a lump, primary surgery is performed on the contaminated area of the larynx; the area of the larynx is first washed with an antiseptic solution, then with the help of a special spoon, fragments of broken bones and cartilage are removed, soft tissue is left. The patient is given ana-toxin against tetanus (if vaccinated - 0.5 ml, if not vaccinated - from 1 ml under the skin), blood serum against tetanus (3000 me) on Bezredko after intra-skin test. After the first medical help, when the animal bites the nose area, the patient is vaccinated against rabies. The primary seam is laid after a day after the injury.

Usually, after the broken nasal bones are fixed in their place, the blood flow from the nose stops on its own. In most cases, the front nasal congestion, sometimes the back nasal congestion, is performed. The stuffing is replaced every 24-48 hours. Children are usually put on an elastic stuffing. In order to reduce bruises and soft tissue edema on the injured nasal skin, pieces of Ice are placed on the skin of the nose for 5-6 hours.

The main method of treatment is the restoration (putting in its place) of the walls of the bones of the nose and nasal adjacent cavities, as well as the practice of inaction of bone fragments from the inside or outside, when the bones of the nose are broken, silenced from their place, as well as the appearance of an external cosmetic defect. It has an important cosmetic ahami-Yat to put bone fragments in their place. The practice of putting the bones in their place (reposition), performed on the first day of the injury, is recognized as the most optimal method, but in severe complications of the skull, the skull can perform it for the last 3 weeks from the injury.

In the sitting position of the patient's course, the nasal cavity is anesthetized locally (10% lidocaine spraying on the mucous membrane, 2% dicaine rubbing, 5% cocaine or sending 1% novocaine, 2% lidocaine solutions to the broken area). In children, it is acceptable to perform the act of reposition under general anesthesia.

The method of putting a broken piece of bone in its place with the help of a finger. Under general anesthesia, when the outer nose is shaken to the left, broken bone fragments are placed on their place with the thumb of the right hand and the thumb of the left hand when shaking to the right. When the bone fragments fall into their place, a specific creaking sound is heard.

## Literature

1. Хайдарова Н. А. Морфологическая И Морфометрическая Характеристика Щитовидной Железы При Полипрагмазии Противовоспалительными Препаратами //AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI. – 2022. – Т. 1. – №. 7. – С. 151-155.
2. Akhtamovna K. N., Muyitdinovna K. S. Ischemic Heart Disease in Path Anatomic Practice: Cardio Sclerosis //European Multidisciplinary Journal of Modern Science. – 2022. – Т. 5. – С. 402-406.
3. Muyitdinovna X. S. The role of hyperhomocysteinemia in the development of cognitive disorders in chronic brain ischemia //Web of scientist: international scientific research journal. – 2022. – Т. 3. – №. 8. – С. 442-453.
4. Muyitdinovna X. S. The role of hyperhomocysteinemia in the development of cognitive impairment in chronic cerebral ischemia //Web Sci. Int. Sci. Res. J. – 2022. – Т. 3. – С. 421-428.
5. Muyitdinovna X. S. Analysis of maternal mortality in the practice of pathological anatomy //Web of scientist: international scientific research journal. – 2022. – Т. 3. – №. 8.

6. Kadirovna K. D., Muyitdinovna X. S. ELEVATED HOMOCYSTEIN LEVELS AS A RISK FACTOR FOR THE DISEASE IN CEREBRAL ISCHEMIA //World Bulletin of Public Health. – 2023. – Т. 21. – С. 117-120.
7. Муйитдиновна Х. С. СУД ТИББИЙ АМАЛИЁТИДА ЖИГАР ЦИРРОЗИ УЧРАШИ ВА СТАТИСТИК ТАҲЛИЛИ //AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI. – 2023. – Т. 2. – №. 5. – С. 355-361.
8. Muyitdinovna K. S. Ovarian Cysts in Women of Reproductive Age //AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI. – 2022. – Т. 1. – №. 7. – С. 225-228.
9. Muyitdinovna K. S. Pathogenetic Types and Principles of Treatment of Dyscirculatory Encephalopathy //Research Journal of Trauma and Disability Studies. – 2023. – Т. 2. – №. 9. – С. 72-79.
10. Muyitdinovna, X. S. (2023). Modern Aspects of the Etiology of Acute Intestinal Infections. American Journal of Pediatric Medicine and Health Sciences (2993-2149), 1(3), 102–105. Retrieved from <https://grnjournal.us/index.php/AJPMHS/article/view/197>
11. Muyitdinovna K. S. Prevalence and Epidemiology of Brain Cancer in Bukhara Region //AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI. – 2022. – Т. 1. – №. 7. – С. 220-224.
12. Kadirovna K. D., Muyitdinovna X. S. The role of hyperhomocysteinemia in chronic ischemic stroke : дис. – Antalya, Turkey, 2022.
13. Akhtamovna K. N. Modern View on the Influence of Antitumor Therapy on the Activity of the Thyroid Gland //Scholastic: Journal of Natural and Medical Education. – 2023. – Т. 2. – №. 5. – С. 50-54.
14. Muyitdinovna K. S. Prevalence and Epidemiology of Brain Cancer in Bukhara Region //AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI. – 2022. – Т. 1. – №. 7. – С. 220-224.
15. Axtamovna H. N. Study of the Influence of Stress Factors on Animals //American Journal of Pediatric Medicine and Health Sciences. – 2023. – Т. 1. – №. 3. – С. 106-111.
16. Хайдарова Н. А. Морфологические Изменения Сердца У 6-Месячных Белых Беспородных Крыс Под Влиянием Энергетического Напитка //AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI. – 2022. – Т. 1. – №. 7. – С. 142-146.
17. Khaidarova N. MODULAR TECHNOLOGY FOR TEACHING STUDENTS IN THE SCIENCE OF FORENSIC MEDICINE //Естественные науки в современном мире: теоретические и практические исследования. – 2022. – Т. 1. – №. 24. – С. 103-106.
18. Khaidarova N. ATHEROSCLEROSIS OF CORONARY VESSELS WITH NORMAL MACRO AND MICROSTRUCTURE OF THE THYROID GLAND IN PRACTICALLY HEALTHY PERSONS //Инновационные исследования в современном мире: теория и практика. – 2022. – Т. 1. – №. 24. – С. 606-608.
19. Mustafoevich S. O., Akhtamovana K. N. MEETING OF KIDNEY CYSTERS IN COURT MEDICAL AUTOPSY PRACTICE //Web of Scientist: International Scientific research Journal. – 2022. – №. 3. – С. 6.
20. Mustafoevich S. O., Akhtamovana K. N. Epitelial safe tumors of bladder rate, types and causes //Web of Scientist: International Scientific research Journal. – 2022. – №. 3. – С. 6.
21. Muidtinovna, K. S., & Rakhimovich, O. K. (2023). Forensic Medical Assessment and Statistical Analysis of Mechanical Asphyxia. International Journal of Integrative and Modern Medicine, 1(3), 21–24.

22. Khaidarova Nargiza Akhtamovna. (2023). Modern Aspects of Morphological Features of the Thyroid Gland in Autoimmune Thyroiditis. *International Journal of Integrative and Modern Medicine*, 1(3), 47–51. Retrieved from <https://medicaljournals.eu/index.php/IJIMM/article/view/95>
23. Xaydarova Nargiza Axtamovna. (2023). HASHIMOTO TIREOIDITIDA QALQONSIMON BEZNING MORFOLOGIK XUSUSIYATLARI. AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI, 2(11), 247–252.  
Retrieved from <https://sciencebox.uz/index.php/amaltibbiyot/article/view/8514>
24. Kadirovna K. D., Muyitdinovna X. S. ELEVATED HOMOCYSTEIN LEVELS AS A RISK FACTOR FOR THE DISEASE IN CEREBRAL ISCHEMIA //World Bulletin of Public Health. – 2023. – Т. 21. – С. 117-120.
25. Axtamovna H. N. Effect of Hemodialysis Therapy on Heart Rhythm //Scholastic: Journal of Natural and Medical Education. – 2023. – Т. 2. – №. 5. – С. 326-331.
26. Axtamovna H. N. Effect of Hemodialysis Therapy on Heart Rhythm //Scholastic: Journal of Natural and Medical Education. – 2023. – Т. 2. – №. 5. – С. 326-331.
27. Kadirovna K. D., Muyitdinovna X. S. The role of hyperhomocysteinemia in chronic ischemic stroke : дис. – Antalya, Turkey, 2022.
28. Muyitdinovna X. S. Modern Concepts on the Effect of Alcohol Intoxication on the Activity of the Heart //Scholastic: Journal of Natural and Medical Education. – 2023. – Т. 2. – №. 5. – С. 332-338.
29. Муйитдиновна Х. С. Суд Тиббий Амалиётида Механик Асфиксиялардан Чўкишнинг Учраши Ва Статистик Таҳлили //AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI. – 2023. – Т. 2. – №. 11. – С. 403-406.
30. Rakhimovich O. K. CHARACTERISTICS OF MORPHOMETRIC AND ULTRASTRUCTURAL STRUCTURE OF LIVER HEPATOCYTES. – 2023.
31. Очилов К.Р., Каюмов Ж.Т. Ультраструктурные изменения печени крыс при пероральном введении солей тяжёлых металлов. “Пути совершенствования судебной экспертизы. Зарубежный опыт” Материалы научно-практической конференции 15-16 ноября 2017 г. Ташкент. С. 175.
32. Очилов К. Р. Влияние ионов кадмия и кобальта на дыхание митохондрий печени крыс //Новый день в медицине. – 2020. – №. 2. – С. 710-712.
33. Очилов К. Р. Изучение Влияние Солей Тяжелых Металлов На Биохимические Процессы Митохондрий Печени Крыс //Central Asian Journal of Medical and Natural Science. – 2021. – С. 383-387.
34. Очилов К. Р. СТРУКТУРНОЕ СТРОЕНИЕ КЛЕТОК ТКАНИ ПЕЧЕНИ ПРИ ВОЗДЕЙСТВИИ КАДМИЯ //Новости образования: исследование в XXI веке. – 2023. – Т. 1. – №. 7. – С. 372-377.
35. Очилов К. Р. ВЛИЯНИЕ СВИНЦА НА ОРГАНИЗМ ЧЕЛОВЕКА И ЖИВОТНЫХ //ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ. – 2023. – Т. 18. – №. 7. – С. 89-93.
36. ОЧИЛОВ К. Р. и др. ДЕЙСТВИЕ БУТИФОСА НА ТРАНСПОРТ Са<sup>2+</sup> В МИТОХОНДРИЯХ ПЕЧЕНИ КРЫС //Доклады Академии наук УзССР. – 1985. – Т. 45.
37. Наврузов Р. Р., Очилов К. Р. MORFOFUNKSIONALNOSTI OSOBNOSTI LIMFOIDNYKH STRUKTUR TOLSTOY KISHKI PRI LUCHEVOY BOLEZNI //Scientific progress. – 2022. – Т. 3. – №. 1. – С. 728-733.

38. Тешаев Ш. Ж., Очилов К. Р. МОРФОФУНКЦИОНАЛЬНЫЕ ОСОБЕННОСТИ МИТОХОНДРИЙ ПЕЧЕНИ КРЫС ПРИ ОТРАВЛЕНИИ БУТИЛКАПТАКСОМ //Новый день в медицине. – 2020. – №. 2. – С. 715-717.
39. Ochilov Kamil Rakhimovich Issues of Physical Health of Young People
40. Intersections of Faith and Culture: AMERICAN Journal of Religious and Cultural Studies Volume 01, Issue 02, 2023 ISSN (E): XXX-XXX
41. Ochilov Komil Rakhimovich Khaidarova Nargiza Akhtamovna Morphological and Morphometric Characteristics of the Thyroid Gland Polypharmacy Anti-inflammatory Sensors SCHOLASTIC: Journal of Natural and Medical Education Volume 2, Issue 5, Year 2023 ISSN: 2835-303X <https://univerpubl.com/index.php/scholastic>
42. Ochilov Komil Rakhimovich Khatamova Sarvinoz Muidtinovna, Forensic Medical Assessment and Statistical Analysis of Mechanical Asphyxia IJIMM, Volume 1, Issue 3, 2023 ISSN: XXXX-XXXX <http://medicaljournals.eu/index.php/IJIMM/issue/view/3> Kamil Rakhimovich Ochilov Studying The Effect Of Heavy Metal Salts On Biochemical Processes Of Rat Liver Mitochondria DOI: 10.47750/pnr.2022.13.S07.230
43. Ochilov Kamil Rakhimovich Effects of Heavy Metal Salts in Biochemical Processes, Rat Liver Mitochondria .American Journal of Science and Learning for Development ISSN 2835-2157 Volume 2 | No 1 | January -2023 Published by inter-publishing.com | All rights reserved. © 2023 Journal Homepage: <https://inter-publishing.com/index.php/AJSLD> Page 109
44. Олимова А. З., Шодиев У. М. Репродуктив Ёшдаги эркакларда бепуштлик сабаблари: Бухоро тумани эпидемиологияси //Scientific progress. – 2021. – Т. 2. – №. 7. – С. 499-502.
45. Zokirovna O. A., Abdurasulovich S. B. Ovarian Diseases in Age of Reproductive Women: Dermoid Cyst //IJTIMOIY FANLARDA INNOVASIYA ONLAYN ILMIY JURNALI. – 2021. – Т. 1. – №. 6. – С. 154-161.
46. Olimova A. Z. ECHINOCOCCOSIS OF LIVER OF THREE MONTHLY WHITE RAT //Scientific progress. – 2022. – Т. 3. – №. 3. – С. 462-466.
47. Олимова А. З. Морфологические и морфометрические особенности печени белых беспородных трех месячных крыс после тяжелой черепно-мозговой травмы вызванной экспериментальным путём //BARQARORLIK VA YETAKSHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2021. – Т. 1. – №. 6. – С. 557-563.
48. Oglu M. Z. M., Zokirovna O. A. МОРФОЛОГИЧЕСКИЕ И МОРФОМЕТРИЧЕСКИЕ ПАРАМЕТРЫ ПЕЧЕНИ БЕЛЫХ БЕСПОРОДНЫХ КРЫС, ПЕРЕНЕСШИХ ЭКСПЕРИМЕНТАЛЬНУЮ ЧЕРЕПНО-МОЗГОВУЮ ТРАВМУ ПОСЛЕ МЕДИКАМЕНТОЗНОЙ КОРРЕКЦИИ //JOURNAL OF BIOMEDICINE AND PRACTICE. – 2023. – Т. 8. – №. 1.
49. Олимова А. З., Турдиев М. Р. БУХОРО ШАҲРИДА МЕЪДА ВА ЁН ИККИ БАРМОҚЛИ ИЧАК ЯРАСИ УЧРАШ ЭПИДЕМИОЛОГИЯСИ //Oriental renaissance: Innovative, educational, natural and social sciences. – 2022. – Т. 2. – №. 4. – С. 642-647.
50. Zokirovna O. A. Modern Concepts of Idiopathic Pulmonary Fibrosis //American Journal of Pediatric Medicine and Health Sciences. – 2023. – Т. 1. – №. 3. – С. 97-101.
51. Zokirovna O. A. Pathology of Precancerous Conditions of the Ovaries //American Journal of Pediatric Medicine and Health Sciences. – 2023. – Т. 1. – №. 3. – С. 93-96.
52. Зокировна, Олимова Азиза и Тешаев Шухрат Джумаевич. «Морфологические аспекты печени белых беспородных крыс после тяжелой черепно-мозговой травмы, вызванной экспериментально в виде дорожно-транспортного происшествия». *Scholastic: Journal of Natural and Medical Education* 2.2 (2023): 59-62.

53. Zokirovna O. A. Comparative characteristics of the morphological parameters of the liver at different periods of traumatic brain injury //Euro-Asia Conferences. – 2021. – С. 139-142.
54. Zokirovna O. A. Macroand microscopic structure of the liver of threemonthly white rats //Academic research in educational sciences. – 2021. – Т. 2. – №. 9. – С. 309-312.
55. Олимова А. З. Частота Встречаемости Миомы Матки У Женщин В Репродуктивном Возрасте //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIIY JURNALI. – 2021. – Т. 1. – №. 6. – С. 551-556.
56. Zokirovna O. A., Abdurasulovich S. B. Ovarian Diseases in Age of Reproductive Women: Dermoid Cyst //IJTIMOIY FANLARDA INNOVASIYA ONLAYN ILMIIY JURNALI. – 2021. – Т. 1. – №. 6. – С. 154-161.
57. Zokirovna O. A. Cytological screening of cervical diseases: pap test research in the bukhara regional diagnostic center for the period 2015-2019. – 2022.
58. Zokirovna O. A., PREVALENCE R. M. M. EPIDEMIOLOGY OF CANCER OF THE ORAL CAVITY AND THROAT IN THE BUKHARA REGION //Web of Scientist: International Scientific Research Journal. – 2022. – Т. 3. – №. 11. – С. 545-550.
59. Olimova A. Z. The frequency of occurrence of my uterus In women of reproductive age //JOURNAL OF ADVANCED RESEARCH AND STABILITY (JARS). – 2021. – Т. 1. – №. 06. – С. 551-556.
60. Olimova Aziza Zokirovna. (2023). MODERN PRINCIPLES OF THE EFFECT OF HEMODIALYSIS THERAPY ON HEART RATE. *International Journal of Integrative and Modern Medicine*, 1(1), 80–85.  
Retrieved from <http://medicaljournals.eu/index.php/IJIMM/article/view/28>
61. Olimova Aziza Zokirovna. (2023). PATHOMORPHOLOGICAL CHARACTERISTICS OF THE EPIDIDYMIS UNDER IRRADIATION. *International Journal of Integrative and Modern Medicine*, 1(1), 96–100. Retrieved from <http://medicaljournals.eu/index.php/IJIMM/article/view/31>
62. Olimova Aziza Zokirovna. (2023). THE INCIDENCE OF CANCER OF THE ORAL CAVITY AND PHARYNX IN THE BUKHARA REGION. *International Journal of Integrative and Modern Medicine*, 1(1), 86–89. Retrieved from <http://medicaljournals.eu/index.php/IJIMM/article/view/29>
63. Olimova Aziza Zokirovna. (2023). INFLUENCE OF ALCOHOL INTOXICATION ON THE HEART TISSUE OF RATS IN THE EXPERIMENT. *International Journal of Integrative and Modern Medicine*, 1(1), 90–95.  
Retrieved from <http://medicaljournals.eu/index.php/IJIMM/article/view/30>
64. Olimova Aziza Zokirovna. (2023). Modern Aspects of the Etiology of Gastric Ulcer and Its Complications. *American Journal of Pediatric Medicine and Health Sciences (2993-2149)*, 1(3), 163–166. Retrieved from <http://grnjournal.us/index.php/AJPMHS/article/view/208>
65. Zokirovna O. A., Jumaevich T. S. Morphological Aspects of the Liver of White Outbred Rats After Severe Traumatic Brain Injury Caused Experimentally in the Form of a Road Accident //Scholastic: Journal of Natural and Medical Education. – 2023. – Т. 2. – №. 2. – С. 59-62.
66. Aziza Zokirovna Olimova GASTRIC ULCER AND ITS COMPLICATIONS // Scientific progress. 2022. №3. URL: <https://cyberleninka.ru/article/n/gastric-ulcer-and-its-complications> (дата обращения: 28.09.2023).
67. Olimova Aziza Zokirovna. (2022). TECHNIQUE FOR CUTTING BIOPSY AND SURGICAL MATERIAL IN THE PRACTICE OF PATHOLOGICAL ANATOMY AND FORENSIC MEDICINE. *Web of Scientist: International Scientific Research Journal*, 3(7), 116–120. <https://doi.org/10.17605/OSF.IO/PSQ59>

68. Zhumayevich N. F., Zokirovna O. A. PATHOMORPHOLOGY OF GASTRIC CANCER //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 330-333.
69. Zokirovna O. A. Epidemiological and Etiological Data of Morphogenesis and Pathomorphology of Congenital Heart Diseases in Children //American Journal of Pediatric Medicine and Health Sciences. – 2023. – T. 1. – №. 4. – C. 88-91.