

## **PROBLEMS OF LATE POSTPARTUM COMPLICATIONS AND ITS CORRECTION**

**Xafizova D.B.**

*Bukhara State Medical Institute, Bukhara, Uzbekistan*

**Abstract.** With a decrease in mortality, however, the risk of an increase in the number of diseases after childbirth increases; the algorithm for reducing the frequency of inflammatory complications and bleeding during childbirth and the early postpartum period is well covered in the literature.

**Keywords:** algorithm, inflammatory complications, bleeding, birth, early postpartum period.

**Introduction.** In recent years, the Republic of Uzbekistan urovwhat is it maternal mortality rate namnogo sniget angry. Worldwide, its level has decreased by 44% over the past 25 years. In our Republic, the maternal mortality rate for 2016 was almost equal to the world level and amounted to 10.7 per 100 thousand live births (according to the Ministry of Health of the Republic of Uzbekistan for 2016). Today, bleeding remains one of the most common causes of death of women in labor and delivery [2, 4, 6]-they are on the 2nd place, second only to somatic pathology. According to the World Health Organization (WHO), in 2015, more than 30 thousand people died from obstetric bleeding in the world. women, which is undoubtedly the tragedy of modern midwifery.

The problem of late postpartum complications remains poorly understood and relevant today[1, 3, 4, 9,]. The main causes of late postpartum bleeding are the remains of parts of the placenta in the uterine cavity and the hematometer, which lead to a violation of the contractility of the uterus with the development of its subinvolution, an inflammatory reaction of the endometrium and, subsequently, uterine bleeding against the background of a progressive clinical picture of postpartum endometritis [2, 5, 7, 8].

**Material and methods.** The study was carried out on the basis of the Department of Obstetrics and Gynecology in the Bukhara city Maternity complex. We conducted a retrospective analysis of the management and treatment of 75 patients with complications of the late postpartum period from 2016 to 2019.

**Results.** The patients ' age ranged from 19 to 40 years, averaging 28.6+5.06 years. There were 49 (64.5%) women who gave birth for the first time and 26 (35.5%) women who gave birth again. Obstetric history showed that 14 (18.6%) patients had operative delivery, while the remaining 82.4% had spontaneous delivery through the natural birth canal. In 1 patient, the postpartum period was complicated by a tight attachment of the placenta, which required manual separation of the placenta and

isolation of the placenta, and in 3 patients, bleeding occurred in the early postpartum period. Thus, the total number of intrauterine interventions in the early postpartum period, it was 4 (6.5%). The majority of patients (68%) were discharged on days 3-4 in satisfactory condition. Later discharge (5-7 days - 32% of patients) was associated with the child's condition. 14+8.9 days after delivery, the women in labor complained of lower abdominal pain (45% of patients), increased blood discharge from the genital tract (57.6%), increased body temperature and other complaints (34.3%), and therefore the patients were hospitalized. In 26 out of 75 patients (40.8%), vacuum aspiration of the contents of the uterine cavity was performed under intravenous pressure. analgesia with mandatory ultrasound monitoring. 6 (5.6%) of them, due to heavy bleeding, underwent emergency surgery on the 1st day of hospitalization (5 primiparous, 1 recurrent), 20 (35.5%)-on a delayed basis, on the 2nd day from the moment of admission after preliminary preparation in the form of antibacterial, anti - inflammatory, uterotonic therapy. Complex, well-chosen conservative therapy, taking into account the volume of blood loss and its replacement, in some cases allowed to avoid surgical intervention.

**Conclusions.** The problem of late postpartum complications still remains extremely relevant. Promising development of modern treatment algorithms based on knowledge of pathogenesis and the use of the latest pharmacological and surgical technologies.

#### **Literatures:**

1. Dustova N.K., Babadjanova G.S., Ikhtiyarova G.A. Pathogenetic reasons for the developent of varicose discounts in pregnant women .Centralodiasian.No.2 (2) P 87-96
2. Gagnier J.J., Kienley G., Altman D.G., Moher D., Sox H., Riley D., et al. CARE Recommendations: Developing guidelines for case management based on consensus. GlobAdvHealthMed. 2013; 2: 38–43.
3. Ikhtiyarova G.A., Dustova N.K., Babadjanova G.S. Pathogenetic reasons for the development of varicose disease in pregnant women // Central Asian journal of pediatrics. -2019.No.2 (2). - C.78- 85
4. Ikhtiyarova G. et al. Criteria For Prediction Of Complications In Pregnant Women With Antenatal Fetal Death //International Journal of Research. – 2019. – T. 6. – №. 01. – P. 694-704.
5. Ikhtiyarova G.A., Dustova N.K., Qayumova G. Diagnostic characteristics of pregnancy in women with antenatal fetal death// European Journal of Research. - 2017. - №5(5). - P. 3 - 15.
6. Ikhtiyarova, G. A., Dustova, N. K., Khasanova M. A., Suleymanova G. S., & Davlatov, S. S. (2021). Pathomorphological changes of the placenta in pregnant

- women infected with coronavirus COVID-19. International Journal of Pharmaceutical Research, 13(1), 1935-1942. doi: 10.31838/ijpr/2021.13.01.283
7. Ikhtiyorova, G.A., Tosheva, I.I., Aslonova, M.J., Dustova, N.K. Prenatal rupture of amnion membranes as A risk of development of obstetrics pathologies // European Journal of Molecular and Clinical Medicine, 2020, 7(7), стр. 530–535
8. Inoyatov A.Sh., Ikhtiyorova G.A., Musaeva D.M., Karimova G.K. Assessment of the status of pregnant women with diabetes mellitus infected with COVID-19 // New day in medicine, 2020, 2(30), Р - 102
9. ИХТИЯРОВА Г. А., ДУСТОВА Н. К., КУДРАТОВА Р. Р., БАХРАМОВА С. У. И ХАФИЗОВА Д. Б. (2021). Предкурсовая подготовка женщин с репродуктивной потерей плода в анамнезе. *Анналы Румынского общества клеточной биологии*, 6219-6226.
10. Бахадуровна, Х. Д., и Акмаловна, И. Г. (2022). РОЛЬ МУЛЬТИГЕННОЙ ТРОМБОФИЛИИ У ЖЕНЩИН С НЕБЛАГОПРИЯТНЫМИ ИСХОДАМИ ПОСЛЕ ЭКСТРАКОРПОРАЛЬНОГО ОПЛОДОТВОРЕНИЯ. *Журнал анализа и изобретений ResearchJet*, 3(1), 44-50.
11. Хафизова, Д. Б. (2023). Оценка Роли Генетического Полиморфизма Факторов Системы Гемостаза Гена F3 в Развитии Тромбофилии у Женщин Узбекской Популяции. *AMALIY VA TIBBIYOT FANLARI ILMUY JURNALI*, 2(11), 225-234.
12. Khafizova, D. B. (2023). Assessment of the Role of Genetic Polymorphism of the Hemostatic System Factors of the F3 Gene in the Development of Thrombophilia in Women of the Uzbek Population. *Central Asian Journal of Medical and Natural Science*, 4(6), 659-667.
13. Хафизова, Д. Б. (2023). Роль Полиморфизма G/A Гена F7 Фактора В Генезе Неблагополучных ЭКО. *AMALIY VA TIBBIYOT FANLARI ILMUY JURNALI*, 2(12), 127-133.
14. Хафизова, Д. Б. (2023). ОЦЕНКА ЗНАЧИМОСТИ G/A ПОЛИМОРФИЗМА ГЕНА THEF7 В РАЗВИТИИ НЕБЛАГОПРИЯТНОГО ИСХОДА ЭКО У ЖЕНЩИН С ТРОМБОФИЛИЕЙ. *Британский медицинский журнал*, 3(2).
15. Хафизова, Д. Б., & Ихтиярова, Г. А. (2022). Оценка Роли Генетического Полиморфизма Факторов Системы Гемостаза Гена F3 В Развитии Тромбофилии У Женщин Узбекской Популяции. *AMALIY VA TIBBIYOT FANLARI ILMUY JURNALI*, 1(5), 20-28.
16. Аслонова, М. Ж., Ихтиярова, Г. А., Хафизова, Д. Б., & Мирзоева, М. Р. (2018). МИКРОБИОЛОГИЧЕСКАЯ И ГОРМОНАЛЬНАЯ ХАРАКТЕРИСТИКА ФОРМИРОВАНИЯ НЕРАЗВИВАЮЩЕЙСЯ БЕРЕМЕННОСТИ. In *ФУНДАМЕНТАЛЬНЫЕ И ПРАКТИЧЕСКИЕ ВОПРОСЫ ИММУНОЛОГИИ И ИНФЕКТОЛОГИИ* (pp. 9-15).

17. Ихтиярова, Г. А., Курбанова, З. Ш., & Хафизова, Д. Б. ВОСПАЛИТЕЛЬНЫЕ ИЗМЕНЕНИЯ В СИСТЕМЕ МАТЬ-ПЛАЦЕНТА-ПЛОД ПРИ АНТЕНАТАЛЬНОЙ ГИБЕЛИ ПЛОДА.
18. Dustova N.K. Hypertension and pregnancy // News of Dermatovenereology and Reproductive Health. 2014.Vol.2. P. 86.
19. Dustova N.K. Features of the course of pregnancy and its outcome depending on the severity of preeclampsia // Problems of Biology and Medicine, 2012.Vol. 1.P. 129.
20. Ikhtiyorova G.A., Khaibullina Z.R., Suleimanova G.G. Study of the effects of ultra-low doses of antioxidants on the lipid component of brain cells in experimental perinatal hypoxia // News of Dermatovenereology and Reproductive Health. - 2019. - No. 3 - 4. - C. 4 - 7.
21. Ikhtiyorova G.A., *Dobrokhotova Yu.E., Matrizaeva G.Zh., Aslonova M.Zh.*- Features of a current pregnancy and delivery in pregnant women with varicose //Tibbiyotda yangi kun. - 2020. -S. 474-481.
22. Ikhtiyorova G.A., Khodzhaeva N.B., Kosimova N.I. Etiology of varicose veins of the small pelvis during pregnancy // Problems of Biology and Medicine. Samarkand. 2012 No. 1 (68) .- P.154-155
23. Kirienko A.I., Bogachev V.Yu., Prokubovsky V.I.Varicose veins of the small pelvis. Phlebology. // Ed. V.S. Saveliev. Moscow. Medicine 2015; - S. 246.
24. Mukhiddinovna, I. M. (2022). Effects of chronic consumption of energy drinks on liver and kidney of experimental rats. *International Journal of Philosophical Studies and Social Sciences*, 2(4), 6-11.
25. Mukhiddinovna, I. M. (2022). EFFECTS OF CHRONIC CONSUMPTION OF ENERGY DRINKS ON LIVER AND KIDNEY OF EXPERIMENTAL RATS. *International Journal of Philosophical Studies and Social Sciences*, 2(4), 6-11.
26. Muxiddinovna, I. M. (2022). Impact of energy drinks and their combination with alcohol to the rats metabolism. *Gospodarka i Innowacje.*, 22, 544-549.
27. Muxiddinovna, I. M. (2022). IMPACT OF ENERGY DRINKS AND THEIR COMBINATION WITH ALCOHOL TO THE RATS METOBOLISM. *Gospodarka i Innowacje.*, 22, 544-549.
28. Muxiddinovna, I. M. (2022). Effects of Energy Drinks on Biochemical and Sperm Parameters in Albino Rats. *Central Asian Journal of Medical and Natural Science*, 3(3), 126-131.
29. Muxiddinovna, I. M. (2022). Demage of Energy Drinks on the Spermatogenesis of Male Rat's. *Research Journal of Trauma and Disability Studies*, 1(9), 111-118.

30. Muxiddinovna, I. M. (2022). Effects of Energy Drinks on Biochemical and Sperm Parameters in Albino Rats. *Central Asian Journal of Medical and Natural Science*, 3(3), 126-131.
31. Muxiddinovna, I. M. (2022). Impact of energy drinks and their combination with alcohol to the rats metabolism. *Gospodarka i Innowacje.*, 22, 544-549.
32. Muxiddinovna, I. M. (2022). Ameliorative effect of Omega-3 on energy drinks-induced pancreatic toxicity in adult male albino rats. *International Journal of Health Systems and Medical Sciences*, 1(5), 13-18.
33. Muxiddinovna, I. M., & Sobirovna, A. Z. (2022). Pregnancy with Twins with Preeclampsia. *Central Asian Journal of Literature, Philosophy and Culture*, 3(11), 212-221.
34. Muxiddinovna, I. M., & Sobirovna, A. Z. (2022). Anemia Iron Deficiency in Pregnancy. *Central Asian Journal of Literature, Philosophy and Culture*, 3(11), 191-199.
35. Mukhiddinovna, I. M. (2022). ENERGY DRINKS MAY AFFECT THE OVARIAN RESERVE AND SERUM ANTI-MULLERIAN HORMONE LEVELS IN A RAT MODEL. *BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI*, 2(12), 626-632.
36. Mukhiddinovna, I. M. (2023). High Caffeine Exposure Increases Ovarian Estradiol Production in Immature Rats. *JOURNAL OF HEALTHCARE AND LIFE-SCIENCE RESEARCH*, 2(3), 8-11.
37. Mukhiddinovna, I. M. (2023). Energy Fluids May Affect the Ovarian Reserve and Serum Anti-Mullerian Hormone Level. *Scholastic: Journal of Natural and Medical Education*, 2(5), 358-364.
38. Mukhiddinovna, I. M. (2022). ENERGY DRINKS MAY AFFECT THE OVARIAN RESERVE AND SERUM ANTI-MULLERIAN HORMONE LEVELS IN A RAT MODEL. *BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI*, 2(12), 626-632.
39. Ismatova, M. M. (2023). Energy Drinks May Affect the Ovary. *American Journal of Pediatric Medicine and Health Sciences (2993-2149)*, 1(8), 34-38.
40. Suratovna, S. S., & Muxiddinovna, I. M. (2023). Genetic Polymorphisms in Interleukin-1 $\beta$  (Rs1143634) and Interleukin-8 (Rs4073) Are Associated With Survival after Resection of Intrahepatic Cholangiocarcinoma. *American Journal of Pediatric Medicine and Health Sciences (2993-2149)*, 1(8), 39-46.
41. Ismatova, M. M. (2023). Energy Drinks May Affect the Ovary. *American Journal of Pediatric Medicine and Health Sciences (2993-2149)*, 1(8), 34-38.
42. Mukhiddinovna, I. M. (2022). ENERGY DRINKS MAY AFFECT THE OVARIAN RESERVE AND SERUM ANTI-MULLERIAN HORMONE

- LEVELS IN A RAT MODEL. *BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMYJ JURNALI*, 2(12), 626-632.
43. Mukhiddinovna, I. M. (2023). Energy Fluids May Affect the Ovarian Reserve and Serum Anti-Mullerian Hormone Level. *Scholastic: Journal of Natural and Medical Education*, 2(5), 358-364.
44. Muxiddinovna, I. M. (2024). GENETIC POLYMORPHISMS IN INTERLEUKIN-1B (RS1143634) AND INTERLEUKIN-8 (RS4073) ARE ASSOCIATED WITH SURVIVAL AFTER RESECTION OF INTRAHEPATIC CHOLANGIOPRIMARY CARCINOMA. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 38(6), 101-115.
45. Исматова, М. М. (2024). ПРОГНОЗИРОВАНИЕ ВЕГЕТАТИВНЫХ НАРУШЕНИЙ У БЕРЕМЕННЫХ ПЕРЕНЕСШИХ COVID-19. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 38(6), 161-174.
46. Исматова, М. М. (2024). ПРОГНОЗИРОВАНИЕ ДЕПРЕССИВНЫХ НАРУШЕНИЙ У БЕРЕМЕННЫХ И РОДИЛЬНИЦ ПОСЛЕ КОРОНАВИРУСНОЙ ИНФЕКЦИИ. *Journal of new century innovations*, 46(1), 140-151.
47. Muxiddinovna, I. M. (2024). GENETIC POLYMORPHISMS IN INTERLEUKIN-1B (RS1143634) AND INTERLEUKIN-8 (RS4073) ARE ASSOCIATED WITH SURVIVAL AFTER RESECTION OF INTRAHEPATIC CHOLANGIOPRIMARY CARCINOMA. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 38(6), 101-115.
48. Muxiddinovna, I. M. (2024). GENETIC POLYMORPHISMS IN INTERLEUKIN-1B (RS1143634) AND INTERLEUKIN-8 (RS4073) ARE ASSOCIATED WITH SURVIVAL AFTER RESECTION OF INTRAHEPATIC CHOLANGIOPRIMARY CARCINOMA. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 38(6), 101-115.
49. Исматова, М. М. (2024). ПОСЛЕРОДОВЫХ ОСЛОЖНЕНИЙ. *Journal of new century innovations*, 46(1), 152-159.
50. Исматова, М. М. (2024). ПОСЛЕРОДОВЫХ ОСЛОЖНЕНИЙ. *Journal of new century innovations*, 46(1), 152-159.
51. Исматова, М. М. (2024). ВЕГЕТАТИВНЫХ НАРУШЕНИЙ У БЕРЕМЕННЫХ ПЕРЕНЕСШИХ COVID-19. *Journal of new century innovations*, 46(1), 129-132.
52. Ismatova, M. M. (2024). PROBLEMS OF LATE POSTPARTUM COMPLICATIONS AND ITS CORRECTION. *Journal of new century innovations*, 46(1), 160-167.

53. Ихтиярова, Г. А., & Розикова, Д. К. (2023). МИКРОБИОЛОГИЧЕСКИЕ ИЗМЕНЕНИЯ У БЕРЕМЕННЫХ С РЕПРОДУКТИВНЫМИ ПОТЕРЯМИ В АНАМНЕЗЕ. Finland International Scientific Journal of Education, Social Science & Humanities, 11(4), 1002-1008.
54. Розикова, Д. К., & Ихтиярова, Г. А. (2023). THE STRUCTURE OF REPRODUCTIVE LOSSES IN UZBEK WOMEN. ЖУРНАЛ РЕПРОДУКТИВНОГО ЗДОРОВЬЯ И УРО-НЕФРОЛОГИЧЕСКИХ ИССЛЕДОВАНИЙ, 4(4).
55. Rozikova , D. K. (2023). THE IMPACT OF SUBCHORIONIC HEMATOMA ON THE FINAL RESULT OF PREGNANCIES IN INDIVIDUALS EXPERIENCING THREATENED ABORTION. GOLDEN BRAIN, 1(28), 57–62.
56. Rozikova Dildora Kodirovna. (2023). The Pattern of Reproductive Loses among Women in Uzbekistan's Population. American Journal of Pediatric Medicine and Health Sciences (2993-2149), 1(8), 52–60.
57. Kodirovna, R. D. (2023). The Effects of Subchorionic Hematoma on Pregnancy Outcome in Patients with Threatened Abortion. Best Journal of Innovation in Science, Research and Development, 2(10), 121–124.
58. Ikhtiyorova, G. A., Dustova, N. K., & Qayumova, G. (2017). Diagnostic characteristics of pregnancy in women with antenatal fetal death. *European Journal of Research*, (5), 5.
59. Kayumova, G. M., & Nutfilloyevich, K. K. (2023). CAUSE OF PERINATAL LOSS WITH PREMATURE RUPTURE OF AMNIOTIC FLUID IN WOMEN WITH ANEMIA. *AMALIY VA TIBBIYOT FANLARI ILMUY JURNALI*, 2(11), 131-136.
60. Kayumova, G. M., & Dustova, N. K. (2023). Significance of the femoflor test in assessing the state of vaginal microbiocenosis in preterm vaginal discharge. Problems and scientific solutions. In *International conference: problems and scientific solutions. Abstracts of viii international scientific and practical conference* (Vol. 2, No. 2, pp. 150-153).
61. Каюмова, Г. М., Мухторова, Ю. М., & Хамроев, Х. Н. (2022). Определить особенности течения беременности и родов при дородовом излиянии околоплодных вод. *Scientific and innovative therapy. Научный журнал по научный и инновационный терапии*, 58-59.

62. Kayumova, G. M., & Dustova, N. K. (2023). ASSESSMENT OF THE STATE OF THE GENITAL TRACT MICROBIOCENOSIS IN PREGNANT WOMEN WITH PREMATURE RUPTURE OF THE MEMBRANES USING THE FEMOFLOR TEST. *Modern Scientific Research International Scientific Journal*, 1(1), 70-72.
63. Valeryevna, S. L., Mukhtorovna, K. G., & Kobylovna, E. S. (2019). Premature Birth In A Modern Aspect. *International Journal of Bio-Science and Bio-Technology*, 11(10), 31-37.
64. Саркисова, Л. В., Каюмова, Г. М., & Умидова, Н. Н. (2018). Морфологические изменения фетоплацентарного комплекса при герпетической инфекции. *Тиббиётда янги күн*, 188-191.
65. Каюмова, Г. М., Саркисова, Л. В., & Умидова, Н. Н. (2018). Современные взгляды на проблему преждевременных родов. *Тиббиётда янги күн*, 183-185.
66. Каюмова, Г. М., Хамроев, Х. Н., & Ихтиярова, Г. А. (2021). *Причины риска развития преждевременных родов в период пандемии организма и среды жизни к 207-летию со дня рождения Карла Францевича Рулье: сборник материалов IV-ой Международной научнопрактической конференции (Кемерово, 26 февраля 2021 г.). ISBN 978-5-8151-0158-6.139-148.*
67. Саркисова, Л. В., Каюмова, Г. М., & Бафаева, Н. Т. (2019). Причины преждевременных родов и пути их решения. *Биология ва тиббиёт мұаммолари*, 115(4), 2.
68. Kayumova, G. M., & Dustova, N. K. (2023). Significance of the femoflor test in assessing the state of vaginal microbiocenosis in preterm vaginal discharge. Problems and scientific solutions. In *International conference: problems and scientific solutions. Abstracts of viii international scientific and practical conference* (Vol. 2, No. 2, pp. 150-153).
69. KAYUMOVA, G., & DUSTOVA, N. (2023). *Features of the hormonal background with premature surge of amniotic fluid. Of the international scientific and practical conference of young scientists «Science and youth: conference on the quality of medical care and health literacy» Ministry of healthcare of the republic of kazakhstan kazakhstan's medical university «KSPH».* ISBN 978-601-305-519-0.29-30.
70. Каюмова, Г. М. НК Дўстова.(2023). Muddatdan oldin qog'onoq suvining ketishida xavf omillarning ta'sirini baholash. *Журнал гуманитарных и естественных наук*, 2(07), 11-18.
71. Каюмова, Г. М., & Мухторова, Ю. М. (2022). Пороговые значения антител к эстрadiолу, прогестерону и бензо [а] пирену как факторы риска преждевременного излития околоплодных вод при недоношенной

- беременности. *Scientific and innovative therapy. Научный журнал по научный и инновационный терапии*, 59-60.
72. Каюмова, Г. М., Мухторова, Ю. М., & Хамроев, Х. Н. (2022). Причина преждевременных родов. *Scientific and innovative therapy. Научный журнал по научный и инновационный терапии*, 57-58.
73. Sarkisova, L. V., & Kayumova, G. M. (2019). Exodus of premature birth. *Тиббиётда янги кун*, 1(25), 155-159.
74. Саркисова, Л. В., & Каюмова, Г. М. (2018). Перинатальный риск и исход преждевременных родов. *Проблемы медицины и биологии*, 169-175.
75. Каюмова, Г. М., Саркисова, Л. В., & Рахматуллаева, М. М. (2018). Особенности состояния плаценты при преждевременных родах. In *Республиканской научно практической конференции «Актуальные вопросы охраны здоровья матери и ребенка, достижения и перспективы* (pp. 57-59).
76. Каюмова, Г. М., Саркисова, Л. В., & Саъдуллаева, Л. Э. (2018). Показатели центральной гемодинамики и маточно-фетоплацентарного кровотока при недонашивании беременности. In *Республиканской научно практической конференции «Актуальные вопросы охраны здоровья матери и ребенка, достижения и перспективы* (pp. 56-57).
77. Саркисова, Л., Каюмова, Г., & Рузиева, Д. (2019). Современные тренды преждевременных родов. *Журнал вестник врача*, 1(4), 110-114.
78. Каюмова, Г. М., & Ихтиярова, Г. А. (2021). Причина перинатальных потерь при преждевременных родах у женщин с анемией.(2021). In *Материалы республиканской научно-практической онлайн конференции.«Актуальные проблемы современной медицины в условиях эпидемии* (pp. 76-7).
79. Kayumova, G. M., Khamroev, X. N., & Ixtiyarova, G. A. (2021). Morphological features of placental changes in preterm labor. *Тиббиётда янги кун*, 3(35/1), 104-107.
80. Khamroyev XN, Q. G. (2021). Improving the results of treatment of choledocholithiasis in liver diseases.
81. Kayumova, G. M. (2023). TO DETERMINE THE FEATURES OF THE COURSE OF PREGNANCY AND CHILDBIRTH IN WOMEN WITH PRENATAL RUPTURE OF AMNIOTIC FLUID. *AMALIY VA TIBBIYOT FANLARI ILMIY JURNALI*, 2(11), 137-144.
82. Kayumova, G. M. (2023). To Determine the Features Of Pregnancy and Children During Antenature Rupture Of Ambient Fluid. *American Journal of Pediatric Medicine and Health Sciences* (2993-2149), 1(9), 66-72.

83. Kayumova, G. M. (2023). Features of the Hormonal Background During Premature Relation of Ambitious Fluid. *American Journal of Pediatric Medicine and Health Sciences* (2993-2149), 1(9), 73-79.
84. Kayumova, G. M. (2023). The Significance Of Anti-Esterogen And Progesterone Antibodies As A Risk Factor In Premature Rupture Of Amniotic Fluid. *American Journal of Pediatric Medicine and Health Sciences* (2993-2149), 1(9), 58-65.
85. Каюмова, Г. М. (2024). ПЕРИНАТАЛЬНЫЕ ИСХОДЫ ПРИ ДОРОДОВОМ РАЗРЫВЕ ПЛОДНЫХ ОБОЛОЧЕК. *Journal of new century innovations*, 46(1), 242-251.
86. Каюмова, Г. М. (2024). ОПРЕДЕЛИТЬ ФАКТОРЫ РИСКА ПРЕЖДЕВРЕМЕННЫХ РОДОВ. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 38(6), 228-235.
87. Каюмова, Г. М. (2024). ОСОБЕННОСТИ КАЧЕСТВЕННОГО СОСТАВА МИКРОБИОТА ВЛАГАЛИЩА ПРИ АКТИВНО-ВЫЖИДАТЕЛЬНОЙ ТАКТИКЕ ВЕДЕНИЯ БЕРЕМЕННЫХ С ПРЕЖДЕВРЕМЕННЫМ ИЗЛИТИЕМ ОКОЛОПЛОДНЫХ ВОД. *Journal of new century innovations*, 46(1), 231-241.
88. Каюмова, Г. М. (2024). ИССЛЕДОВАНИЕ МИКРОБИОТА ВЛАГАЛИЩА ПРИ ДОРОДОВОМ ИЗЛИТИИ ОКОЛОПЛОДНЫХ ВОД. *Journal of new century innovations*, 46(1), 213-221.
89. Каюмова, Г. М. (2024). ИССЛЕДОВАНИЕ ПОКАЗАТЕЛЕЙ КРОВИ У БЕРЕМЕННЫХ С ПРЕЖДЕВРЕМЕННЫМИ ОКОЛОПЛОДНЫМИ ВОДАМИ. *Journal of new century innovations*, 46(1), 222-230.
90. Kayumova, G. M. (2024). ANTIBACTERIAL THERAPY FOR PRETERMARY AND ANTENATURE RURUSION OF AMBITIOUS FLUID. *Journal of new century innovations*, 46(1), 252-262.
91. Уроков, III. Т., & Хамроев, X. Н. (2019). Influe of diffusion diseases of the liver on the current and forecfst of obstructive jaundice. *Тиббиётда янги кун*, 1, 30.
92. TESHAEV, S. J., TUHSANOVA, N. E., & HAMRAEV, K. N. (2020). Influence of environmental factors on the morphometric parameters of the small intestine of rats in postnatal ontogenesis. *International Journal of Pharmaceutical Research* (09752366), 12(3).
93. Хамроев, X. Н. (2022). Toxic liver damage in acute phase of ethanol intoxication and its experimental correction with chelate zinc compound. *European journal of modern medicine and practice*, 2, 2.
94. Khamroev, B. S. (2022). RESULTS OF TREATMENT OF PATIENTS WITH BLEEDING OF THE STOMACH AND 12 DUO FROM NON-STEROIDAL ANTI-INFLAMMATORY DRUGS-INDUCED OENP. *Journal of Pharmaceutical Negative Results*, 1901-1910.

95. Nutfilloyevich, K. K. (2023). STUDY OF NORMAL MORPHOMETRIC PARAMETERS OF THE LIVER. *American Journal of Pediatric Medicine and Health Sciences* (2993-2149), 1(8), 302-305.
96. Nutfilloyevich, K. K. (2024). NORMAL MORPHOMETRIC PARAMETERS OF THE LIVER OF LABORATORY RATS. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 36(3), 104-113.
97. Nutfilloevich, K. K., & Akhrorovna, K. D. (2024). MORPHOLOGICAL CHANGES IN THE LIVER IN NORMAL AND CHRONIC ALCOHOL POISONING. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 36(3), 77-85.
98. Kayumova, G. M., & Hamroyev, X. N. (2023). SIGNIFICANCE OF THE FEMOFLOR TEST IN ASSESSING THE STATE OF VAGINAL MICROBIOCENOSIS IN PRETERM VAGINAL DISCHARGE. *International Journal of Medical Sciences And Clinical Research*, 3(02), 58-63.
99. Хамроев, X. Н., & Тухсанова, Н. Э. (2022). НОВЫЙ ДЕНЬ В МЕДИЦИНЕ. *НОВЫЙ ДЕНЬ В МЕДИЦИНЕ* Учредители: Бухарский государственный медицинский институт, ООО "Новый день в медицине", (1), 233-239.
100. Хамроев, X. Н. (2024). Провести оценку морфологических изменений печени в норме и особенностей характера ее изменений при хронической алкогольной интоксикации. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 36(3), 95-3.
101. Хамроев, X. Н., & Туксанова, Н. Э. (2021). Characteristic of morphometric parameters of internal organs in experimental chronic alcoholism. *Тиббиётда янги кун*, 2, 34.
102. Хамроев, X. Н., Хасанова, Д. А., Ганжиев, Ф. Х., & Мусоев, Т. Я. (2023). Шошилинч тиббий ёрдам ташкил қилишнинг долзарб муаммолари: Политравма ва ўткир юрак-қон томир касалликларида ёрдам қўрсатиш масалалари. *XVIII Республика илмий-амалий анжумани*, 12.
103. Хамроев, X. Н., & Хасанова, Д. А. (2023). Жигар морфометрик қўрсаткичларининг меъёрда ва экспериментал сурункали алкоголизмда қиёсий таснифи. *Медицинский журнал Узбекистана| Medical journal of Uzbekistan*, 2.
104. Khamroyev, X. N. (2022). TOXIC LIVER DAMAGE IN ACUTE PHASE OF ETHANOL INTOXICATION AND ITS EXPERIMENTAL CORRECTION WITH CHELATE ZINC COMPOUND. *European Journal of Modern Medicine and Practice*, 2(2), 12-16.

105. Xamroyev, X. N. (2022). The morphofunctional changes in internal organs during alcohol intoxication. *EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE*, 2(2), 9-11.
106. Khamroyev, X. N. (2022). TOXIC LIVER DAMAGE IN ACUTE PHASE OF ETHANOL INTOXICATION AND ITS EXPERIMENTAL CORRECTION WITH CHELATE ZINC COMPOUND. *European Journal of Modern Medicine and Practice*, 2(2), 12-16.
107. Xamroyev, X. N. (2022). The morphofunctional changes in internal organs during alcohol intoxication. *EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE*, 2(2), 9-11.
108. Латипов, И. И., & Хамроев, Х. Н. (2023). Улучшение Результат Диагностике Ультразвуковой Допплерографии Синдрома Хронической Абдоминальной Ишемии. *Central Asian Journal of Medical and Natural Science*, 4(4), 522-525.
109. Хамроев, Х. Н., & Уроков, Ш. Т. (2019). ВЛИЯНИЕ ДИФФУЗНЫХ ЗАБОЛЕВАНИЙ ПЕЧЕНИ НА ТЕЧЕНИЕ И ПРОГНОЗ МЕХАНИЧЕСКОЙ ЖЕЛТУХИ. *Новый день в медицине*, (3), 275-278.
110. Хамроев, Х. Н., & Ганжиев, Ф. Х. (2023). Динамика структурно-функциональных нарушение печени крыс при экспериментальном алкогольные циррозе. *Pr oblems of modern surgery*, 6.
111. Уроков, Ш. Т., & Хамроев, Х. Н. (2018). Клинико-диагностические аспекты механической желтухи, сочетающейся с хроническими диффузными заболеваниями печени (обзор литературы). *Достижения науки и образования*, (12 (34)), 56-64.
112. Nutfilloevich, H. K., & Akhrorovna, K. D. (2023). COMPARATIVE CLASSIFICATION OF LIVER MORPHOMETRIC PARAMETERS IN THE LIVER AND IN EXPERIMENTAL CHRONIC ALCOHOLISM. *International Journal of Cognitive Neuroscience and Psychology*, 1(1), 23-29.