

FEATURES OF DIAGNOSTICS AND TREATMENT OF PATIENTS WITH REFLUXESOPHAGITIS ON THE BACKGROUND OF SLIDING DIAPHRAGM HERNIAS

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Abstract: Research is ongoing to study the complex defense response of metocestodes, aimed at changing the host's immune response and preventing their elimination, in which the parasite minimizes the impact of the immune system by producing immunomodulatory molecules, thereby interfering with the activity of the complement system, changing the functioning of leukocytes, or using the phenomenon of molecular mimicry. Of particular priority are the issues of studying climatic, geographical, social and economic conditions on the formation of zoonotic foci with varying degrees of intensity of epizootic processes, due to the fact that the incidence of hydatid disease in people is directly proportional to these risk factors.

Keywords: hepatocytes, zoonotic foci, echinococcus, liver.

ОСОБЕННОСТИ ДИАГНОСТИКИ И ЛЕЧЕНИЯ БОЛЬНЫХ РЕФЛЮКС- ЭЗОФАГИТОМ НА ФОНЕ СКОЛЬЗЯЩИХ ГРЫЖ ДИАФРАГМЫ

Аннотация: Продолжаются исследования по изучению комплексного защитного ответа метоцестод, направленного на изменение иммунного ответа хозяина и предотвращение их элиминации, при котором паразит минимизирует воздействие иммунной системы, вырабатывая иммуномодулирующие молекулы, тем самым вмешиваясь в активность комплемента. системы, изменяя функционирование лейкоцитов, или используя феномен молекулярной мимикрии. Особую актуальность приобретают вопросы изучения климатических, географических, социальных и экономических условий формирования зоонозных очагов с различной степенью интенсивности эпизоотических процессов, в связи с тем, что заболеваемость людей эхинококкозом прямо пропорциональна этим факторам риска.

Ключевые слова: гепатоциты, зоонозные очаги, эхинококк, печень.

INTRODUCTION

Currently, there is an increase in the number of patients suffering from refluxesophagitis and HH. The most common method of surgery for this pathology is various fundoplication methods, and the purpose of antireflux correction in HHH is to restore the anatomical and functional state of the esophago-gastric junction and create an adequate antireflux barrier.

MATERIAL AND METHODS

Our clinic has experience in performing 83 antireflux surgeries for sliding hiatal hernia (HSPH). Of these, 1 (1.2%) patients were diagnosed with the presence of Barrett's esophagus, and 11 (13.2%) patients had a complicated course of refluxesophagitis in the form of peptic esophagitis, cicatricial esophageal strictures. To select the most adequate method for correcting SHPD, all patients underwent a measurement of the esophageal opening of the diaphragm (PF) using ultrasound balloonography. In addition, at the intraoperative stage, we measured the POD value using esophagogastric probes of various diameters.

RESULTS

If the POD dimensions did not exceed 35 mm, the purpose of antireflux corrections was to create a mechanical pulp or cuff using the Nissen or Tupe methods. In the case of a greater expansion of the POD, antireflux fundoplication was supplemented with cruroraphy. In connection with the weakness of the ligamentous apparatus of the diaphragm, in 11 (13.2%) patients, alloplasty with a mesh explant was performed and fixed with interrupted sutures. In the case of a history of concomitant diseases, simultaneous interventions were performed. In the early postoperative period, complications were noted in 12 (14.5%) patients. Thus, transient persistent postoperative dysphagia was detected in 8 (9.6%) patients, which was arrested conservatively.

Findings. In connection with the development of scientific and technical progress and the introduction of modern technologies in surgical practice, the diagnosis of hiatal hernia, as well as the selection of patients for antireflux treatment with sliding hiatal hernia, should be carried out exclusively according to strict indications based on the data of a comprehensive laboratory-instrumental examination. At the same time, the volume and technique of surgical intervention should be based on objective data obtained both before the operation and studied intraoperatively. The introduction of minimally invasive laparoscopic technologies in the surgical treatment of HHHPD helps to reduce the time of postoperative rehabilitation of patients, to reduce the number of complications, as well as to improve the quality of life in the long-term period.

CONCLUSION

Diagnosing and managing reflux esophagitis in patients with sliding diaphragmatic hernias present unique challenges that necessitate a tailored approach. The diagnostic process should include a comprehensive evaluation of symptoms, endoscopic findings, and imaging studies, with particular attention to identifying the presence and severity of esophageal reflux and associated complications such as Barrett's esophagus or strictures.

Treatment strategies should aim to address both the underlying anatomical defect and the symptoms of reflux. Lifestyle modifications, including dietary changes, weight management, and elevating the head of the bed, can provide symptomatic relief. Pharmacological interventions, such as proton pump inhibitors and prokinetic agents, are effective in reducing acid secretion and improving esophageal motility. However, surgical intervention may be necessary in cases of severe or refractory symptoms, with laparoscopic fundoplication being the preferred approach for most patients.

Multidisciplinary collaboration between gastroenterologists, surgeons, and radiologists is essential for optimizing patient care. Long-term management should focus on regular monitoring for disease progression, symptom control, and addressing any complications that may arise. By implementing a comprehensive and individualized treatment plan, clinicians can effectively manage reflux esophagitis in the setting of sliding diaphragmatic hernias, improving patients' quality of life and reducing the risk of complications.

Literatures

1. Abduraxmanov D. et al. CRITERIA FOR CHOOSING PLASTIC SURGERY IN PATIENTS WITH POSTOPERATIVE VENTRAL HERNIAS AND ABDOMINOPTOSIS //Science and Innovation. – 2022. – T. 1. – №. 5. – C. 56-61.
2. Abduraxmanov D. et al. FEATURES OF HERNIOPLASTY AND ABDOMINOPLASTY IN PATIENTS WITH POSTOPERATIVE VENTRAL HERNIA AND ABDOMINOPTOSIS //Science and innovation. – 2022. – T. 1. – №. 5. – C. 33-40.

3. ABDURAXMANOV D. S. H. et al. Criteria for choosing surgical treatment of patients with ventral hernias and obesity //International Journal of Pharmaceutical Research (09752366). – 2020. – Т. 12. – №. 3.
4. Alievich A. I. et al. МЕТОДОЛОГИЧЕСКИЕ ПРИНЦИПЫ ЧРЕСКОЖНО-ЧРЕСПЕЧЕНОЧНОЙ МИКРОХОЛЕЦИСТОСТОМИИ ПОД УЛЬТРАЗВУКОВЫМ КОНТРОЛЕМ //JOURNAL OF BIOMEDICINE AND PRACTICE. – 2023. – Т. 8. – №. 5.
5. Davlatov S. et al. Current State of The Problem Treatment of Mirizzi Syndrome (Literature Review) //International Journal of Pharmaceutical Research (09752366). – 2020.
6. Khamidov O. A., Ataeva S. K., Nurmurzaev Z. N. U. PATHOLOGY OF LOWER EXTREMITY VEINS IN OSTEOARTHRITIS OF KNEE JOINTS //Academic research in educational sciences. – 2022. – Т. 3. – №. 5. – С. 964-976.
7. Khamidov OA, Mirzakulov MM, Ametova AS, Alieva UZ Multispiral computed tomography for prostate diseases. Central Asian journal of medical end natural sciences. 2021;2(2):9-11
8. Khamidov OA, Normamatov AF, Yakubov DZh, Bazarova SA Respiratory computed tomography. Central Asian journal of medical end natural sciences. 2021;2(2):1-8
9. Khamidov OA, Urozov UB, Shodieva NE, Akhmedov YA Ultrasound diagnosis of urolithiasis. Central Asian journal of medical end natural sciences. 2021;2(2):18-24
10. Khamidov OA, Yakubov DZh, Alieva UZ, Bazarova SA, Mamaruziev ShR Possibilities of Sonography in Differential Diagnostics of Hematuria. Central Asian journal of medical end natural sciences. 2021;2(4):126-131
11. Khamidov OA, Yakubov DZh, Ametova AS, Bazarova SA, Mamatova ShT Application of the Ultrasound Research Method in Otorhinolaryngology and Diseases of the Head and Neck Organs. International Journal of Development and Public Policy. 2021;1(3):33-37
12. Khamidov OA, Yakubov DZh, Ametova AS, Turdumatov ZhA, Mamatov RM Magnetic Resonance Tomography in Diagnostics and Differential Diagnostics of Focal Liver Lesions. Central Asian journal of medical end natural sciences. 2021;2(4):115-120
13. Khamidov Obid Abdurakhmanovich, Davranov Ismoil Ibragimovich, Ametova Alie Servetovna. (2023). The Role of Ultrasound and Magnetic Resonance Imaging in the Assessment of Musculo-Tendon Pathologies of the Shoulder Joint. International Journal of Studies in Natural and Medical Sciences, 2(4), 36–48. Retrieved from <https://scholarsdigest.org/index.php/ijsnms/article/view/95>
14. Khasanova Diyora Zafarjon kizi, Khamidov Obid Abdurakhmonovich and Juraev Kamoliddin Danabaevich 2023. SYMPHYSIOPATHY AND PREGNANCY. "Conference on Universal Science Research 2023". 1, 2 (Feb. 2023), 55–60.
15. N., Nurmurzaev Z., Abduqodirov Kh. M., and Akobirov M. T. 2023. “Transabdominal Ultrasound for Inflammatory and Tumoral Diseases Intestine: New Possibilities in Oral Contrasting With Polyethylene Glycol”. Central Asian Journal of Medical and Natural Science 4 (3), 973-85. <https://cajmns.centralasianstudies.org/index.php/CAJMNS/article/view/1606>.
16. Nurmurzaev Z.N.; Suvonov Z.K.; Khimmatov I.Kh. Ultrasound of the Abdominal Cavity. JTCOS 2022, 4, 89-97.
17. RAKHMANOV K. E., DAVLATOV S. S., ABDURAXMANOV D. S. H. Correction of albendazole disease after echinococcectomy of the liver //International Journal of Pharmaceutical Research (09752366). – 2020. – Т. 12. – №. 3.

18. Абдурахманов Д. Ш., Олимджонзода Х. Л. Эволюция методов диагностики и хирургического лечения эхинококкоза печени //Достижения науки и образования. – 2020. – №. 16 (70). – С. 70-76.
19. Абдурахманов Д. Ш., Хайдарова Л. О. Алгоритм ведения больных с эхинококкозом печени //Вопросы науки и образования. – 2020. – №. 41 (125). – С. 92-103.
20. Абдурахманов Д. Ш., Хайдарова Л. О. Качество жизни больных, перенесших эхинококкэктомию из печени //Вопросы науки и образования. – 2020. – №. 41 (125). – С. 81-91.
21. Арзиев И.А., Рустамов С.У., Нурмурзаев З.Н.Методологические принципы чрескожно-чреспеченочной микрохолецистостомии под ультразвуковым контролем // Биомедицина ва амалиёт журнали. - 2023. - Том 1, № 5. – С. 280-285.
22. Арзиев И.А., Рустамов С.У., Нурмурзаев З.Н.Применение методик навигационной хирургии в лечении больных острым холециститом // Биология ва тиббиёт муаммолари. - 2023. - №5 (148). - С. 124-127.
23. Курбаниязов З. Б. и др. Эффективность приоритетного использования миниинвазивных вмешательств в хирургическом лечении осложненных форм острого холецистита //Вестник экстренной медицины. – 2022. – Т. 15. – №. 6. – С. 11-14.
24. Курбаниязов З.Б., Хамидов О.А., Нурмурзаев З.Н.Навигационные методы и рентген-хирургия в лечении осложненных форм желчнокаменной болезни // Методические рекомендации. - Самарканд, 2023. - 20 с.
25. Курбаниязов З.Б., Шоназаров И.Ш., Хамидов О.А., Нурмурзаев З.Н.Роль диапневтических, эндоскопических методов и рентгенхирургии в лечении осложненных форм желчнокаменной болезни // Биология ва тиббиёт муаммолари. - 2022. - №1 (140). - С. 124-127.
26. Нурмурзаев З. Н. У., Жураев К. Д., Гайбуллаев Ш. О. У. ТОНКОИГОЛЬНАЯ АСПИРАЦИОННАЯ ЦИТОЛОГИЯ ПОД УЛЬТРАЗВУКОВЫМ КОНТРОЛЕМ В ДИАГНОСТИКЕ ЗАБРЮШИННЫХ ОБРАЗОВАНИЙ: ИССЛЕДОВАНИЕ 85 СЛУЧАЕВ //Academic Research in Educational Sciences. – 2023. – Т. 4. – №. 4. – С. 126-133.
27. Нурмурзаев, З. Н., Жураев, К. Д., & Гайбуллаев, Ш. О. (2023). ТОНКОИГОЛЬНАЯ АСПИРАЦИОННАЯ ЦИТОЛОГИЯ ПОД УЛЬТРАЗВУКОВЫМ КОНТРОЛЕМ В ДИАГНОСТИКЕ ЗАБРЮШИННЫХ ОБРАЗОВАНИЙ: ИССЛЕДОВАНИЕ 85 СЛУЧАЕВ. Academic Research in Educational Sciences, 4(4), 126–133.
28. Ризаев Э.А., Курбаниязов З.Б. Программа для выбора способа хирургического лечения больных с осложненными формами желчекаменной болезни с применением диапневтических методов и рентген хирургии. Агентство по интеллектуальной собственности Республики Узбекистан, 2023. DGU № 24722.
29. Ризаев Э.А., Курбаниязов З.Б., Абдурахманов Д.Ш., Нурмурзаев З.Н. Клиническая эффективность миниинвазивных методов хирургического лечения острого холецистита у больных старше 60 лет // Finland, Helsinki international scientific online conference. "Sustainability of education socio-economic science theory" April 7th 2023. HELSINKI. Pg. 27-28.
30. Ризаев Э.А., Курбаниязов З.Б., Абдурахманов Д.Ш., Нурмурзаев З.Н. Оптимизация методов хирургического лечения обструктивного холангита у больных пожилого и старческого возраста // Finland, Helsinki international scientific online conference.

- "Sustainability of education socio-economic science theory" April 7th 2023. HELSINKI. Pg. 29-30.
31. Ризаев Э.А., Курбаниязов З.Б., Мамаражабов С.Э., Нурмурзаев З.Н., Абдурахманов Д.Ш. Surgery of Cholelithiasis in Patients Older Than 60 Years // Texas Journal of Medical Science Volume. – 2023. Vol. 18, Issue 04. P. 25-29.
 32. Ризаев Э.А., Курбаниязов З.Б., Мамаражабов С.Э., Нурмурзаев З.Н., Абдурахманов Д.Ш. Features of surgical correction of complicated forms of cholelithiasis in the elderly and senile age // Texas Journal of Medical Science Volume. – 2023. Vol. 18, Issue 04. P. 17-24.
 33. Ризаев Э.А., Курбаниязов З.Б., Мамаражабов С.Э., Нурмурзаев З.Н., Абдурахманов Д.Ш. Аспекты хирургии желчнокаменной болезни у больных пожилого старческого возраста // Журнал гепато-гастроэнтерологических исследований. – 2023. - №1 (134) – С. 43-48.
 34. Ризаев Э.А., Курбаниязов З.Б., Нурмурзаев З.Н., Олимжонова Ф.Ж. The Effectiveness of Staged Surgical Tactics for the Treatment of Complicated Forms of Cholelithiasis in Elderly and Senile Patients // American Journal of Medicine and Medical Sciences. – 2023. - N 13(5). – P. 586-592.
 35. угли Нурмурзаев З. Н., Жураев К. Д., угли Гайбуллаев Ш. О. ТОНКОИГОЛЬНАЯ АСПИРАЦИОННАЯ ЦИТОЛОГИЯ ПОД УЛЬТРАЗВУКОВЫМ КОНТРОЛЕМ В ДИАГНОСТИКЕ ЗАБРЮШИННЫХ ОБРАЗОВАНИЙ: ИССЛЕДОВАНИЕ 85 СЛУЧАЕВ.
 36. Шоназаров И.Ш., Курбаниязов З.Б., Нурмурзаев З.Н. Этапное лечение острого холангита с предварительной декомпрессией желчных протоков // International Journal of Education, Social Science & Humanities. FARS Publishers: 11 P. 817-824.
 37. Шоназаров И.Ш., Курбаниязов З.Б., Нурмурзаев З.Н. Чресдренажная санация билиарного тракта в профилактике и лечении холангиогенных абцесов печени // International Journal of Education, Social Science & Humanities. FARS Publishers: 11 P. 807-816.
 38. Шоназаров И.Ш., Нарзуллаев С.И., Хамидов О.А., Курбаниязов З.Б., Нурмурзаев З.Н. Диапевтические и рентгенэндобилиарные вмешательства в коррекции осложнений после холецистэктомии // Биология ва тиббиёт муаммолари. - 2022. - №1 (140). - С. 255-258.