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SURGICAL TREATMENT OF TRACHEAL STENOSIS WITH SCARS

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KEYWORDS

trachea, scar stenosis of the trachea, circular resection of the trachea, tracheo-laryngeal anastomosis

ABSTRACT

To correctly carry out modern surgical treatment measures of advanced scar stenosis after endotracheal intubation and to give conclusions on the method carried out in them, to prevent various complications arising after the operation method, the specifics of the method to provide information about the advantages and disadvantages, as well as modern laryngotracheal stents that are used today.

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TRAXEANING CHANDIQLI STENOZINI XIRURGIK DAVOLASH

KALIT SO'ZLAR:

traxeya, traxeyaning chandiqli stenozi, traxeyaning sirkulyar rezeksiyasi, traxeo-laringeal anastomoz

ANNOTATSIYA

Endotracheal intubatsiya amaliyotidan so'ng rivojlangan chandiqli stenozni zamonaviy xirurgik davolash chora-tadbirlarini to'g'ri olib borish va ularda o'tkazilgan usul bo'yicha xulosalar berish, operatsiya usulidan keyin kelib chiqadigan turli xil asoratlarni oldini olish, usulning o'ziga xos avzalliklari va kamchiliklari, shuningdek hozirgi kunda qo'llanayotgan zamonaviy laringotracheal stentlar haqida ma'lumot berish.

Kirish. So'nggi 10 yil ichida intubatsiyadan keyingi traxeya asoratlari bo'lgan bemorlarning soni sezilarli darajada oshdi. Tolali to'qima bilan traxeya devorining normal tuzilmalari arxitektonikasining yo'qolishi bilan namoyon bo'ladigan surunkali yallig'lanish natijasida nafas yo'llarining funksiyasi va torayishi kuzatiladi. Yurak, miya, qorin bo'shlig'i a'zolari patologiyasi bo'lgan bemorlarda jarrohlik aralashuvlar hajmini kengaytirish intubatsiyalash sonini oshiradi, keyinchalik postintubatsion stenoz paydo bo'lishi oshadi [2, 3, 4, 5, 9]. Stenozli bemorlarning ko'pchiligi torakal klinikalarning jarrohlik shifoxonalariga nafas olish yetishmovchiligi tufayli og'ir holatda yotqiziladi, ular shoshilinch yordamni talab qiladi. Ko'pincha bu o'pkaning yetarli ventilyatsiyasini tiklash uchun shoshilinch ko'rsatmalar bo'yicha bajariladigan endoskopik traxeyani rekanalizatsiya qilish amaliyotidir [2, 3, 4, 6]. Traxeostenozni endoskopik tuzatishning istiqbolli usullaridan biri traxeomalyatsiya va xondroperixondrit asoratlari rivojlanganda traxeya o'tkazuvchanligi tiklangandan so'ng traxeya bo'shlig'iga o'rnatiladigan turli dizayn va konfiguratsiyadagi stentlar bilan endoprotezni almashtirishdir [1, 2, 3, 4, 6, 7, 8]. Endoprotez sifatida lateks yoki silikon naychalar ishlatiladi, ular traxeyaning bo'shlig'iga kiritiladi va bo'shliqning modelini shakllantiradi [1, 2, 3, 4, 6, 7, 8, 10].

Maqsad. Reanimatsiyadan keyingi terapeutik tadbirlar natijalarini yaxshilash, erta aniqlash tufayli traxeyaning traxeostomiyadan keyingi stenozli bemorlarni dispanser kuzatuvi davomida mexanik ventilyatsiya va traxeya bo'shlig'ini tiklash jarayonida kriojarrohlik usullarini avzalligini aniqlash.

Material va tekshirish usullari. Tekshiruvlar Toshkent Tibbiyot Akademiyasi Torakoabdominal va Reanimatsiya-Anesteziologiya bo'limlaridagi bemorlarda operatsiya va kuzatuv usulida olib borildi. Bunda 2016-yil mart oyidan 2017-yil mart oyigacha kuzatuv olib borilgan umumiylar 102 ta bo'lib, ularning yoshi, jinsi, yondosh kasalliklari, operatsiya usuli, operatsiya davomida qanday stentlardan foydalanganlik va eng muhimmi operatsiyadan so'ng bemorlarning umumiylar ahvoli qaydarajada ijobjiy tomonga o'zgarganligi, shuningdek to'liq mehnat qilish qobiliyatiga qaydarajada qaytganligi o'rganildi.

Natijalar. O'rganilgan 102 ta bemordan 17 tasida shoshilinch ravishda endotraxeal intubatsiya amaliyoti o'tkazilgan 16,7% (17/102). Shundan 14 tasida chandiqli stenoz rivojlangan 82,3% (14/17). Chandiqli stenozga uchragan bemorlarning 42,8% (6/14) ayollar tashkil etib, qolgan 57,2% (8/14) erkaklar tashkil etdi, ya'ni nisbat 1,5:2. Ayollarning o'rtacha yoshi 50-55 yoshda bo'lib, erkaklarning o'rtacha yoshi 50-60 yoshligi aniqlandi. Yangi operatsion usul - stenozga uchragan segmentni olib tashlab, traxeaning I va II yarim halqa tog'aylari va bifurcatio trachea oralig'ida havo o'tkazuvchi, biologik antigenlik xususiyatga ega bo'lмаган, qizilo'ngach funksiyasiga ta'sir qilmaydigan silikonli naycha qo'yish amaliyoti bajarildi. Amaliyot 85,7% (12/14) bemorda rejali ravishda o'tkazildi. Qolgan 2 ta bemor konservativ davo ta'sirida tuzaldi va ularga reabilitatsiya choralar ko'rilib, Torakoabdominal bo'limga o'tkazildi 14,3% (2/14). Shundan 8,3% (1/12) bemorda o'tkir bosh miya qon aylanish yetishmovchiligi o'tkazganligi (2015-yil) aniqlandi. 2ta bemorda esa qandli diabet II tip kompensatsiya davri ekanligi aniqlandi 16,7% (2/12). Shundan 2 ta qandli diabetga uchragan bemorlarga mukosiliar klirensni saqlovchi stent qo'yildi-16,7% (2/12). 5 ta bemorlarga dorili endotraxeal stentlash amaliyoti bajarildi 41,7% (5/12). Qolgan bemorlarga 41,7% (5/12) granulyatsiyalanuvchi va migratsiyalanish xususiyatiga ega Montgomeri-II endotraxeal stentlardan foydalanildi. Qolgan bemorlar hech qanday boshqa og'ir somatik va nasliy kasallikka chalinmaganligi aniqlandi. Amaliyot barcha bemorlarda muvaffaqiyatli bajarildi va reanimatsiya bo'limiga yotqizildi. Operatsiyadan so'ng bemorlarning barchasida to'liq reabilitatsiya chora-tadbirlari ko'rildi. Kuzatuv davomida amaliyot o'tkazilgan bemorlarning 83,3% (10/12) to'liq mehnat qilish qobiliyati ijobiy tomonga o'zgarganligi qayd etildi. Qandli diabet bilan kasallangan bemor qayta reoperatsiyaga ko'rsatma bo'ldi 8,3% (1/12). Letallik 8,3% (o'tkir bosh miya qon aylanish yetishmovchiligi bilan xastalangan bemorda kuzatildi).

Xulosa. Endotraxeal intubatsiyadan so'ng rivojlanuvchi chandiqli stenoz kelib chiqishi bemorlarning o'tkazgan va yondosh kasalliklar bilan kasallanganligiga, intubatsion naychaning qo'yilishiga bog'liq. Chandiqli stenozni oldini olishda bemorlarda qo'llangan usul shuni ko'rsatdiki, bu usulni to'liq fanga tadbiq etish va yanada ularni mukammal rivojlantirish ko'nikmalari ustida ish olib borish ko'zda tutildi. Bu operatsion usul, albatta, shifokorning maxorati va stentni to'g'ri tanlay bilishiga, stenting biologik xususiyatiga bog'liqligi aniqlandi. Bu usulning avzalligi bemorlarning to'liq mehnatga layoqatligi saqlanganligi va bemorda yondosh kasalliklar bo'lмаганда hech qanday asoratlar bermasligi, shuningdek nafas yetishmovchiliga olin kelmasligi aniqlandi.

Foydalilanilgan adabiyotlar ro'yxati:

1. Rafiqovich, Z. A. (2023). SURGICAL TREATMENT OF ACUTE APPENDICITIS IN PREGNANCY. British Journal of Global Ecology and Sustainable Development, 14, 32-38.
2. Ergashev, U., & Zohirov, A. (2023). COURSE AND PRINCIPLES OF TREATMENT OF ACUTE APPENDICITIS IN PREGNANCY. Journal of Academic Research and Trends in Educational Sciences, 2(1), 218-225.

3. Ergashev, U., & Zohirov, A. (2023). STUDYING THE EFFICACY OF MODERN SCLEROTHERAPY IN VASCULAR SURGERY. Journal of Academic Research and Trends in Educational Sciences, 2(1), 211-217.
4. Zohirov, A., Anvarjonov, M., Abdulkarimov, S., & Rahmonov, S. (2023). EVALUATION OF THE EFFICACY OF SCLEROTHERAPY IN VENOUS PATHOLOGY. Journal of Academic Research and Trends in Educational Sciences, 2(1), 185-190.
5. Rafiqovich, Z. A., Sobirjonovich, S. S., Faxriddinovich, F. F., & Ubaydullaxonovich, O. S. (2023). THE ROLE OF MODERN SCLEROTHERAPY IN VASCULAR SURGERY. American Journal of Interdisciplinary Research and Development, 14, 1-6.
6. Каримов, Ш. И., et al. "Построение математических моделей оценки степени тяжести и прогноза эффективности лечения критической ишемии нижних конечностей при мультифокальном атеросклерозе." (2019).
7. Rafiqovich, Z. A., Sobirjonovich, S. S., Faxriddinovich, F. F., & Ubaydullaxonovich, O. S. (2023). Experimental Treatment of Purulent-Necrotic Lesions of The Lower Extremities with New Generation Drugs. Texas Journal of Medical Science, 18, 30-38.
8. Зохиров, А. Р., & Эрназаров, Х. И. (2022, June). Патоморфологическая картина жизненно важных органов при экспериментальной модели диабетической стопы. In International scientific forum-2022 (pp. p146-153).
9. Zokhirov, A. R. Ernazarov Kh. I. THE STUDY OF PATHOPHYSIOLOGICAL CHANGES IN PURULENT-NECROTIC PROCESSES OF THE DIABETIC FOOT SYNDROME." International scientific forum-2022". June 2022. p597-605.
10. Yusufjanovich, E. U., Rafiqovich, Z. A., & Tohirovich, G. B. (2023). PRINCIPLES OF STUDYING LIVER MORPHOLOGY IN EXPERIMENTAL DIABETIC FOOT SYNDROME. World Bulletin of Public Health, 19, 63-65.
11. Abduraimovna, A. F., Komilovna, S. G., Yusufjanovich, E. U., & Rafiqovich, Z. A. (2023, February). EVALUATION OF THE EFFECTIVENESS OF PHYSICAL ACTIVITY IN PELVIC ORGAN PROLAPSE. In E Conference Zone (pp. 42-48).
12. Атакоджаева, Ф. А., Сохибова, Г. К., Эргашев, У. Ю., & Зохиров, А. Р. (2023, February). ВЛИЯНИЯ ВИТАМИНА Д НА ТАКТИКУ ВЕДЕНИЯ ЖЕНЩИН С МИОМОЙ МАТКОЙ. In E Conference Zone (pp. 35-41).
13. Yusufjanovich, E. U., Irisbaevich, M. G., Rafiqovich, Z. A., Abduraimovna, A. F., & Komilovna, S. G. (2023, February). IDIOPATHIC THROMBOCYTOPENIC PURPURA IN PREGNANCY. In E Conference Zone (pp. 13-20).
14. Rafiqovich, Z. A. (2023, February). IMPROVING THE DETECTION OF MORPHOLOGICAL CHANGES IN PURULENT WOUNDS. In E Conference Zone (pp. 51-57).
15. Zokhirov, A. R. (2022, June). Ernazarov Kh. I. In THE STUDY OF PATHOPHYSIOLOGICAL CHANGES IN PURULENT-NECROTIC PROCESSES OF THE DIABETIC FOOT SYNDROME." International scientific forum-2022 (pp. p597-605).
16. Ergashev, U. Y., Zokhirov, A. R., & Minavarkhujaev, R. R. (2023). Study and treatment of changes in biochemical processes in complications of diabetes mellitus.

17. Каримов, Ш. И., Ирназаров, А. А., Асраров, У. А., Авлоназаров, Х. А., Бобоев, Б. М., Матмурадов, Ж. К., & Агзамов, Р. В. (2019). ПРИМЕНЕНИЕ ГИБРИДНЫХ ХИРУРГИЧЕСКИХ ВМЕШАТЕЛЬСТВ У БОЛЬНЫХ С КРИТИЧЕСКОЙ ИШЕМИЕЙ НИЖНИХ КОНЕЧНОСТЕЙ ПРИ МУЛЬТИФОКАЛЬНОМ АТЕРОСКЛЕРОЗЕ. Тиббиет янги куни, 3, 27.
18. Зохиров, А. Р., Эрназаров, Х. И., & Эргашев, У. Ю. (2022, January). ПАТОМОРФОЛОГИЧЕСКИЕ ОСОБЕННОСТИ ЗАЖИВЛЕНИЯ РАН ПРИ ЭКСПЕРИМЕНТАЛЬНОЙ МОДЕЛИ ДИАБЕТИЧЕСКОЙ СТОПЫ. 64-ОЙ НАУЧНО-ПРАКТИЧЕСКОЙ КОНФЕРЕНЦИИ ОБУЧАЮЩИХСЯ «НАУКА И ЗДОРОВЬЕ» ПОСВЯЩЕННАЯ ДНЮ НАУКИ РЕСПУБЛИКИ КАЗАХСТАН С МЕЖДУНАРОДНЫМ УЧАСТИЕМ.
19. Эрназаров, Х., Зохиров, А., Эргашев, У. Ю., & Исраилов, Р. (2022). ПАТОМОРФОЛОГИЧЕСКАЯ КАРТИНА ЖИЗНЕННО ВАЖНЫХ ОРГАНОВ ПРИ ЭКСПЕРИМЕНТАЛЬНОЙ МОДЕЛИ ДИАБЕТИЧЕСКОЙ СТОПЫ.
20. Zohirov, A. R., Ergashev, U. Y., & Ernazarov, H. I. (2022, June). Qandli diabetda oyoqning yiringlinekrotik shikastlanishlarining patomorfologik jihatlarini kompleks davolashni o'rganish. In International scientific forum-2022 (pp. p132-136).
21. Эргашев, У. Ю., Зохиров, А. Р., Мустафакулов, Г. И., & Моминов, А. Т. (2023). ОЦЕНКА ПРИМЕНЕНИЯ И ЭФФЕКТИВНОСТИ СОВРЕМЕННЫХ ОПЕРАТИВНЫХ ВМЕШАТЕЛЬСТВ НА ПАТОЛОГИЧЕСКИХ ПРОСТРАНСТВАХ ПЕЧЕНИ. European Journal of Interdisciplinary Research and Development, 12, 17-26.
22. Эрназаров, Х. И., Эргашев, У. Ю., Зохиров, А. Р., & Каримов, Х. Я. (2022). ЭФФЕКТИВНОСТЬ ИСПОЛЬЗОВАНИЕ ПРЕПАРАТА РЕОМАНИСОЛ В ЛЕЧЕНИИ ЭКСПЕРИМЕНТАЛЬНОЙ МОДЕЛИ ДИАБЕТИЧЕСКОЙ СТОПЫ.
23. Ergashev, U. Y., Zokhirov, A. R., & Minavarkhujaev, R. R. (2022). Determination of changes in the lipid peroxidase index in purulent-necrotic lesions of the lower extremities.
24. Зохиров, А. Р., & Набиева, А. Ш. (2023). ИЗУЧЕНИЕ ПАТОМОРФОЛОГИЧЕСКИХ ОСОБЕННОСТЕЙ СОВРЕМЕННОГО ЛЕЧЕНИЯ ГНОЙНО-НЕКРОТИЧЕСКИХ ПРОЦЕССОВ ПРИ САХАРНОМ ДИАБЕТЕ. Interpretation and researches, 1(2), 25-36.
25. Ergashev, U. Y., Zokhirov, A. R., & Minavarkhujaev, R. R. (2023). The study of pathological physiology of indicators of endogenous intoxication in purulent-necrotic lesions of the lower extremities.
26. Зохиров, А. Р. (2023). ОБОСНОВАНИЕ ПРОЦЕССОВ ЭПИТЕЛИЗАЦИИ И РЕГЕНЕРАЦИИ ПРИ ГНОЙНО-НЕКРОТИЧЕСКИХ ПРОЦЕССАХ НИЖНИХ КОНЕЧНОСТЕЙ ПРИ САХАРНОМ ДИАБЕТЕ. Conferencea, 174-180.
27. Rafiqovich, Z. A. (2023). OBSERVATION OF BIOCHEMICAL RESULTS IN EXPERIMENTAL DIABETIC FOOT SYNDROME. Conferencea, 181-188.
28. Rafiqovich, Z. A. (2023). MONITORING OF THE REGENERATION PROCESS IN PURULENT-NECROTIC PROCESSES OF THE LOWER EXTREMITIES. Conferencea, 189-194.
29. Rafiqovich, Z. A. (2023). STUDY OF THE EFFECT OF LIPID PEROXIDASE ANALYSIS

ON THE BODY IN DIABETIC FOOT SYNDROME. Conferencea, 76-82.

30. Rafiqovich, Z. A. (2023). CONTROL OF INDICATORS OF ENDOTOXICOSIS IN DIABETIC FOOT SYNDROME. Conferencea, 83-90.
31. Yusufjanovich, E. U., Irisbaevich, M. G., Rafiqovich, Z. A., & Irsaliyevich, E. K. (2023). EVALUATION OF EFFECTIVENESS OF SPLENECTOMY IN CHRONIC LEUKEMIAS. World Bulletin of Public Health, 19, 79-83.
32. Yusufjanovich, E. U., Rafiqovich, Z. A., Tashkarganovich, M. A., & Tohirovich, G. B. (2023). ASSESSMENT THE EFFECTIVENESS OF MINIMALLY INVASIVE SURGICAL METHODS IN ACUTE CHOLECYSTITIS. International Journal of Scientific Trends, 2(2), 14-23.
33. Yusufjanovich, E. U., & Rafiqovich, Z. A. (2023). The Use of Endovascular Laser Coagulation in the Recurrence of Varicose Veins of the Lower Extremities. International Journal of Scientific Trends, 2(2), 24-31.
34. Эргашев, У. Ю., & Зохиров, А. Р. (2023). ОЦЕНКА ЭФФЕКТИВНОСТИ МАЛОИНВАЗИВНЫХ ОПЕРАЦИЙ ПРИ МЕХАНИЧЕСКОЙ ЖЕЛТУХЕ И ПРИМЕНЕНИЕ АЛГОРИТМА. European Journal of Interdisciplinary Research and Development, 12, 6-16.
35. Эргашев, У. Ю., & Зохиров, А. Р. (2023). ИЗУЧЕНИЕ ПАТОМОРФОЛОГИИ ПЕЧЕНИ ПРИ ЭКСПЕРИМЕНТАЛЬНОМ СИНДРОМЕ ДИАБЕТИЧЕСКОЙ СТОПЫ. European Journal of Interdisciplinary Research and Development, 12, 27-31.
36. Ergashev, U. Y., Zohirov, A. R., Minavarkhojayev, R. R., & Mominov, A. T. (2023). IMPROVING METHODS FOR DIAGNOSING AND MONITORING ENDOTOXICOSIS IN EXPERIMENTAL DIAETIC FOOT SYNDROME. World Bulletin of Public Health, 19, 84-95.
37. Ergashev, U. Y., Zokhirov, A. R., & Ernazarov, K. I. (2022). THE STUDY OF PATHOMORPHOLOGICAL DIAGNOSIS OF VITAL ORGANS AFTER MODERN TREATMENT OF DIABETIC FOOT SYNDROME.
38. Ergashev, U. Y., Zokhirov, A. R., & Ernazarov, K. I. (2022). THE STUDY OF DIAGNOSTICS AND PREVENTION OF PATHOPHYSIOLOGICAL PARAMETERS AFTER MODERN TREATMENT OF PURULENT-NECROTIC PROCESSES IN DIABETIC.
39. Yusufjanovich, E. U., & Rafiqovich, Z. A. (2023). Treatment of purulent-necrotic lesions of the lower extremities with modern drugs. Conferencea, 88-94.
40. Yusufjanovich, E. U., Rafiqovich, Z. A., & Irsalievich, E. K. (2023). Assessment of the Process of Epithelialization After Complex Treatment of Diabetic Foot Syndrome. Texas Journal of Medical Science, 16, 19-23.