
MEDICINE

UDC 616.61-006.6-0.89.87-072.1

NEW OPPORTUNITIES OF PERFORMING OF LAPAROSCOPIC PARTIAL NEPHRECTOMY IN PATIENTS WITH RENAL CELL CARCINOMA INVOLVING PELVICALICEAL SYSTEM

© 2014 S.N. Dimitriadi

Dimitriadi Sergey Nikolaevich – Candidate of Medical Science, Urologist, Department of Urology, Rostov Research Oncological Institute, 14 Line St., 63, Rostov-on-Don, 344037, Russia, e-mail: dimitriadi@yandex.ru.

The paper describes the technical characteristics of laparoscopic partial nephrectomy in patients with renal cell carcinoma. It has been ascertained that the author's two-layer wound closure technique during laparoscopic partial nephrectomy allows to perform renal resection of central located tumors during long-term warm ischemia kidney that does not differ significantly ($p = 0,09$) in duration of simpler laparoscopic partial nephrectomy (peripheral located tumors).

Keywords: renal cancer, laparoscopic partial nephrectomy, partial nephrectomy, warm ischemia kidney.

1. Alekseev B.Ya., Kalpinskiy A.S., Polyakov V.A., Andrianov A.N. Laparoskopicheskaya rezekciya pochki s primene-niem radiochastotnoj termoabliacii // Onkourologiya. 2012. T. 2. S. 21 – 27.
2. Matveev V.B., Komarov I.G., Alekseev B.Ya. Rol' laparoskopicheskoy xirurgii v lechenii opuxolej pochki // Onkourologiya. 2005. T. 3. S. 5 – 9.
3. Alekseev B.Ya., Kalpinskiy A.S., Polyakov V.A., Andrianov A.N. Laparoskopicheskaya rezekciya pochki pri opuxo-levom porazhenii // Onkologiya. 2012. № 1. S. 4 – 9.
4. Matveev V.B. Laparoskopicheskaya rezekciya pochki // Klinicheskaya onkourologiya / pod red. B.P. Matveeva. M., 2011. S. 113–123.
5. Lane B.R., Babineau D.C., Poggio E.D. Factors predicting renal functional outcome after partial nephrectomy // J. Urol. 2008. Vol. 180. P. 2363 – 2368.
6. Thompson R.H., Frank I., Lohse C.M. The impact of ischemia time during open nephron sparing surgery on solitary kidneys: a multiinstitutional study // J. Urol. 2007. Vol. 177. P. 471 – 476.
7. Thompson R.H., Lane B.R., Lohse C.M. Every minute counts when the renal hilum is clamped during partial nephrectomy // Eur. Urol. 2010. Vol. 58. P. 340 – 345.
8. Khalifeh A., Autorino R., Hillyer S.P. Somparative outcomes and assessment of trifecta in 500 robotic and laparoscopic partial nephrectomy cases: a single surgeon experience // J. Urol. 2013. Vol. 189. P. 1236 – 1242.
9. Gill I.S., Kavoussi L.R., Lane B.R. Comparison of 1,800 laparoscopic and open partial nephrectomies for single renal tumors // J. Urol. 2007. Vol. 178. P. 41 – 46.
10. Gong E.M., Orvieto M.A., Zorn K.C. Comparison of laparoscopic and open partial nephrectomy in clinical T1a renal tumors // J. Endourol. 2008. Vol. 22. P. 953 – 957.
11. Kutikov A., Uzzo R.G. The R.E.N.A.L. nephrometry score: a comprehensive standardized system for quantitating renal tumor size, location and depth // J. Urol. 2009. Vol. 182, № 3. P. 844 – 853.
12. Frank I., Colombo J.Jr., Rubinstein M., Desai M., Kaouk J., Gill I.S. Laparoscopic partial nephrectomy for centrally located renal tumors // J. Urol. 2006. Vol. 175. P. 849 – 852.
13. Kit O.I., Dimitriadi S.N. Ocenka klinicheskoy e'ffektivnosti modifitsirovannoj metodiki laparoskopicheskoy rezekcii pochki // Med. vestn. Bashkortostana. 2013. T. 8, № 2. S. 300 – 301.
14. Dimitriadi S.N., Kit O.I., Medvedev V.L. Texni-cheskie osobennosti vy'polneniya laparoskopicheskoy rezek-cii pochki pri pochechno-kletochnom rake // Onkourologiya. 2014. № 2. S. 16 – 21.
15. Haber G.P., Gill I.S. Laparoscopic partial nephrectomy: contemporary technique and outcomes // Eur. Urol. 2006. Vol. 49. P. 660 – 665.

UDC 612.017.12-612.821-618.175

ROLE OF INNATE IMMUNE SYSTEM FACTORS IN THE GENESIS OF OLIGOMENOREA IN OBESITY IN ADOLESCENT GIRLS

© 2014 M.A. Levkovich, V.O. Andreeva, M.V. Bilim

Levkovich Marina Arkadievna – Doctor of Medical Science, Leading Scientific Researcher, Rostov Scientific Research Institute of Obstetrics and Pediatrics, Mechnikov St., 43, Rostov-on-Don, 344012, Russia, e-mail: xlma@mail.ru.

Andreeva Vera Olegovna – Doctor of Medical Science, Main Scientific Researcher, Rostov Scientific Research Institute of Obstetrics and Pediatrics, Mechnikov St., 43, Rostv-on-Don, 344012, Russia, e-mail: vandre-yeva@mail.ru.

Bilim Marina Vadimovna – Junior Scientific Researcher, Rostov Scientific Research Institute of Obstetrics and Pediatrics, Mechnikov St., 43, Rostv-on-Don, 344012, Russia, e-mail: xlma@mail.ru.

New data confirming the role of factors innate immune system in the pathogenesis of oligomenoreia at obesity in adolescents. It is established that important cause of oligomenoreia in adolescents with obesity is an increased expression of TLR-4 receptors, leading to TLR-mediated synthesis of pro-inflammatory cytokines (IL-6, TNF-alpha) and chemokine (MCP-1), contributing to the formation of inflammatory mode immune regulation and development of insulin resistance.

Keywords: immunity, cytokines, toll-like receptors, obesity, insulin resistance, oligomenoreia.

1. Shvarc V. Zhirovaya tkan' kak e'ndokrinny'j organ // Problemy' e'ndokrinologii. 2009. T. 55, № 1. S. 38 – 44.
2. Spencer M., Yao-Borengasser A., Unal R., Rasouli N., Gurley C.M., Zhu B., Peterson C.A., Kern P.A. Adipose tissue macrophages in insulin-resistant subjects are associated with collagen VI and fibrosis and demonstrate alternative activation // J. Physiol Endocrinol Metab. 2010. № 299 (6). R. 1016 – 1027.
3. Skinner A.C., Steiner M.J., Henderson F.W., Perrin E.M. Multiple markers of inflammation and weight status: cross-sectional analyses throughout childhood // Pediatrics. 2010. № 125 (4). P. 801 – 809.
4. Hotta K., Funahashi T., Arita Y. Plasma Concentrations of a novel, adipose-specific protein, adiponectin, in type 2 diabetic patients // Arterioscler Thromb Vasc. Biol. 2000. № 20 (6). P. 1595 – 1599.
5. Huang W., Metlakunta A., Dedousis N. Depletion of liver Kupffer cells prevents the development of diet-induced hepatic steatosis and insulin resistance // Diabetes. 2010. Vol. 59, № 2. P. 347 – 357.
6. Himes R.W., Smith C.W. Tlr2 is critical for diet-induced metabolic syndrome in a murine model // FASEB J. 2010. № 24 (3). P. 731 – 739.
7. Medzhitov R. Toll-like receptors and innate immunity // Nat. Rev. Immunol. 2001. Vol. 1. P. 135–145.
8. Schaeffler A., Gross P., Buettner R. Fatty acid-induced induction of Toll-like receptor-4/nuclear factor-kappaB pathway in adipocytes links nutritional signalling with innate immunity // Immunology. 2009. Vol. 126. P. 233 – 245.
9. Cheng K.H., Chu C.S., Lee K.T. Adipocytokines and pro-inflammatory mediators from abdominal and epicardial adipose tissue in patients with coronary artery disease // Int. J. Obes. (Lond). 2008. № 32. P. 268 – 274.
10. Shi H., Kokoeva M.V., Inouye K., Tzameli I Yin H, Flier J.S. TLR4 links innate immunity and fatty acid-induced insulin resistance // J. Clin Invest. 2006. № 116. P. 3015 – 3025.
11. MacLaren R., Cui W., Cianflone K. Adipokines and the immune system: an adipocentric view // Adv. Exp. Med. Biol. 2008. № 632. P. 1 – 21.
12. Nissen S.E., Wolski K. Effect of rosiglitazone on the risk of myocardial infarction and death from cardiovascular causes // N. Engl. J. Med. 2007. № 356. P. 2457 – 2471.

UDC 617.586-002.4-089.43

VACUUM-ASSISTED TREATMENT OF PATIENTS WITH DIABETIC FOOT SYNDROME

© 2014 V.I. Nefedov, I.P. Chumburidze, M.Yu. Shillman, O.A. Yavruyan

Nefedov Victor Ivanovich – Doctor of Medical Science, Professor, Head of Department of Surgical Diseases № 3, Rostov State Medical University, Nakhichevanskiy Lane, 29, Rostov-on-Don, 344022, Russia.

Chumburidze Igor Pavlovich – Doctor of Medical Science, Professor, Department of Surgical Diseases № 3, Rostov State Medical University, Nakhichevanskiy Lane, 29, Rostov-on-Don, 344022, Russia.

Shillman Mikhail Yurievich – Doctor of Medical Science, Associate Professor, Department of Surgical Diseases № 3, Rostov State Medical University, Nakhichevanskiy Lane, 29, Rostov-on-Don, 344022, Russia.

Yavruyan Ovanes Asvaturovich – Assistant, Department of Surgical Diseases № 3, Rostov State Medical University, Nakhichevanskiy Lane, 29, Rostov-on-Don, 344022, Russia, e-mail: ovanes81@list.ru.

To increase the effectiveness of treatment with diabetic foot syndrome, having ulcers, used a vacuum therapy system Vivano Tec S 042 NPWT. This technique helps gentle cleansing trophic ulcers, earlier appearance of granulation tissue. In the second phase of the locally applied platelet rich auto plasma containing high concentrations of many growth factors. Application of the proposed treatment significantly reduces the healing of venous ulcers.

Keywords: diabetes mellitus, diabetic foot syndrome, cytokines, vacuum therapy, trophic ulcers.

1. Alyoxin D.I. Novy'y metod lecheniya xronicheskoy ishemii konechnostey s preimushhestvenny'm porazheniem distal'nogo arterial'nogo rusla // Vestn. xirurgii. 2004. T. 163, № 4. S. 4 – 28.
2. Balabolkin M.I., Klebanova E.M. Rol' okislitel'nogo stressa v patogeneze sosudisty'x oslozhnenij saxarno-go diabeta // Problemy' endokrinologii. 2000. T. 46, № 6. S. 29 – 34.
3. Gur'eva I.V., Kuzina I.V., Voronin A.V. Osobenno-sti diagnostiki i lecheniya diabeticheskix porazhenij stop // Xirurgiya. 1999. № 10. S. 39 – 43.
4. Bergan J., Shortell C. Venous ulcers. San Diego, USA, 2007. Sect. II, chap. 9. P. 105 – 112.
5. Dedov I.I., Galstyan G.R., Tokmakova O.V., Udovichenko O.V. Sindrom diabeticheskoy stopy' : posobie dlya vrachej. M., 2005. S. 112.
6. Dedov I.I., Anciferov M.B., Galstyan G.R. Sindrom diabeticheskoy stopy': klinika, diagnostika, lechenie i profilaktika. M., 1998. 145 s.
7. Pokrovskij A.V., Dan V.N., Chupin A.V. Kompleksny'y podxod v lechenii kriticheskoy ishemii pri saxarnom diabete // Sovremennyye aspekty' diagnostiki, lecheniya, profilaktiki

- porazhenij nizhnix konechnostey u bol'ny'x saxarny'm diabtom : tr. nauch.-prakt. konf. M., 1996. S. 157 – 163.
8. Zemlyanoy A.B., Svetuxin A.M. Standarty' diagnostiki i kompleksnogo xirurgicheskogo lecheniya gnojno-nekro-ticheskix form diabeticheskoy stopy' // Standarty' diagno-stiki i lecheniya v gnoynoy xirurgii : materialy' nauch.-prakt. konf. M., 2001. S. 27 – 28.
9. The Theory and Practice of Vacuum Therapy / ed. by C. Willy. Germany, 2006. P. 405.
10. Gur'eva I.V., Komelyagina E.Yu., Kuzina I.V. Diabeticheskaya perifericheskaya sensomotornaya nejropatiya. Pato-genez, klinika, diagnostika : metod. rekomendacii. M., 2002. S. 2 – 22.
11. Keast D.H., Bowering K., Evans A.W., MacKean G., Bur-rows C., D'Souza L. MEASURE: A proposed assessment frame-work for developing best practice recommendations for wound assessment // Wound Rep. Reg. 2004. Vol. 12. P. 1 – 17.

UDC 616-002.5:614.21

ABOUT INTERACTION BETWEEN PHTHYSIOLOGISTS AND THERAPISTS OF GENERAL MEDICAL NETWORK IN THE EVALUATION

OF PATIENTS TAKEN DISPENSARY IN TUBERCULOSIS FACILITIES

© 2014 S.A. Yudin

Yudin Sergey Aleksandrovich – Candidate of Medical Science, Assistant, Doctoral Student of the Phthiziopulmonology Department, Volgograd State Medical University, Pavshie Bortsy Sq., 1, Volgograd, 400131, Russia, e-mail: su1694@yandex.ru.

The article discusses issues concerning the problem of observation of patients with residual posttuberculosis changes and removed with dispensary and transferred under the supervision of specialist of general medical network. An anonymous questionnaire phthysiologists (n =92) and therapists of general health services (n=144) of Volgograd, in which found that phthisiatrics (58,7 %) and physicians (57,6 %) feel justified to continue further monitoring of patients with residual posttuberculosis changes in tuberculosis dispensary, 39,1 % respectively and 37,5 % of physicians took the opposite view, believing that enough observations in general health institutions network. Apparently organizational and methodical work on the interaction and therapeutic services needs further improvement, conducting outreach, among phthysiologists and therapists to join efforts to monitor these patients to prevent recurrence of tuberculosis.

Keywords: *dispensary group in phthisiology, posttuberculosis changes, questioning phthysiologists, therapists.*

1. Andrianova A.Yu., Mishin V.Yu. Sostoyanie lic s ostatochny'mi tuberkulezny'mi izmeneniyami v legkix v poliklinikax obshhej lechebnoj seti po materialam otdalenny'x nablyudenij // Innovacionny'e tekhnologii v organizacii ftiziatricheskoj i pul'monologicheskoj po-moshhi naseleniyu : materialy' nauch.-prakt. konf. / pod red. P.K. Yablonskogo. SPb., 2011. S. 16 – 17.

2. Delaryu V.V. Konkretny'e sociologicheskie issledovaniya v medicine. Volgograd, 2005. 88 s.

3. Morozova T.I. Osobennosti nablyudeniya za differencial'no-dagnosticheskimi bol'ny'mi v protivotuberkuleznom dispansere // Innovacionny'e tekhnologii v organizacii ftiziatricheskoj i pul'monologicheskoj pomoshhi naseleniyu : materialy' nauch.-prakt. konf. / pod red. P.K. Yablonskogo. SPb., 2011. S. 47 – 48.

4. Nezlin S.E., Grejmer M.S., Protopopova N.M. Protivotuberkulezny'j dispanser. M., 1979. 270 s.

5. Tuberkulez organov dy'xaniya : rukovodstvo dlya vrachej / pod red. A.G. Xomenko. M., 1981. 560 s.

6. Ftiziatriya: nacional'noe rukovodstvo / pod. red. M.I. Perel'mana. M., 2010. 512 s.

7. Shilova M.V. Tuberkulez v Rossii v 2009 godu. M., 192 s.

8. Xvastunova E.P., Yudin S.A., Vershinin E.G., Dela-ryu V.V. Komparativny'j analiz pozicij zainteresovanny'x social'ny'x grupp kak sovremennoe trebovanie sociologii mediciny' // Vrach-aspirant. 2014. № 2.1 (63). S. 168 – 172.