

EXPERIMENTAL DETERMINATION OF THE EXTENSIBILITY OF THE ANTERIOR ABDOMINAL WALL TISSUES AT DIFFERENT TIMES OF PREGNANCY USING VARIOUS APPROACHES TO HERNIOPLASTY

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ABSTRACT

This article presents the results of hernioplasty for ventral hernias in women of fertile age, an experimental study of the strength characteristics of fixation by various methods (the adhesion force of the mesh implant with the tissue). These studies clearly demonstrated the presence of differences in the load on the tissues of the anterior abdominal wall in different areas during pregnancy, which confirmed our idea of the need for research to justify a differentiated approach to choosing a repair method in the presence of hernias, depending on its localization.

KEYWORDS: *Women Of Fertile Age, Abdominal Hernias, Hernioplasty, Implant, Rat.*

REFERENCES

1. Bellyn JM, Lypez PP, Simyn-Allue R. New suture materials for midline laparotomy closure: an experimental study. *BMC Surgery*. 2014;14: 70-78.
 2. Berkinov UB, Sattarov OT. The effectiveness of the developed program for laparoscopic hernioplasty. The materials of the Republican scientific conference “Mini-invasive technology in medicine: yesterday, today and tomorrow. Problems and development prospects”. Urgench, 2019. pp. 8-9.
 3. Bloemen A, De Kleijn MF, Van Steensel S. Laparotomy closure techniques: Do surgeons follow the latest guidelines? Results of a questionnaire. *Int J Surg*. 2019;71: 110-116.
 4. Brosi P, Glauser PM, Speich B. Prophylactic Intraperitoneal Onlay Mesh Reinforcement Reduces the Risk of Incisional Hernia, Two-Year Results of a Randomized Clinical Trial. *World J Surg*. 2018;42(6):1687-1694.
 5. Khamdamova MT. Echographic features of the range of variability in the size of the uterus and ovaries in women of menopausal age using oral and injectable forms of contraception. *American Journal of Medicine and Medical Sciences*. 2020;10(8):580-583.
 6. Halligan L, Parker SG, Plumb AA, Windsor AC. Imaging complex ventral hernias, their surgical repair, and their complications. *J. Eur. Radiol*. 2018;28(8): 3560–3569.
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7. Harlaar JJ, Deerenberg EB, Dwarkasing RS. Evelopment of incisional herniation after midline laparotomy. *BJS Open*. 2017;1:18–22.
8. Khamdamova M. T. Echographic features variability in the size and shape of the uterus and ovaries in women of the second period of adulthood using various contraceptives. *Asian Journal of Multidimensional Research*, 2020;9(5):259-263.
9. Harrison B, Sanniec R, Janis JE. Collagenopathies – implications for abdominal wall reconstruction: a systematic review. *Plast Reconstr Surg*. 2016;4(10):1036-1040.
10. Khamdamova MT. Somatometric characteristics of women of the first and second period of adulthood using different contraceptives with different body types. *The american journal of medical sciences and pharmaceutical research*. 2020;N8(2):69-76.
11. Haskins IN, Amdur RL, Lin PP, Vaziri K. The use of mesh in emergent ventral hernia repair: effects on early patient morbidity and mortality. *J Gastrointest Surg*. 2016;20(11):1899-1903.
12. Khamdamova MT. Age and individual variability of the shape and size of the uterus according to morphological and ultrasound studies. *Problems of biology and medicine*. 2020;1 (116):283-286.
13. Heger P, Feizt M, Krisam J. Hernia reduction following laparotomy using small stitch abdominal wall closure with and without mesh augmentation (the HULC trial): study protocol for a randomized controlled Trial. *Trials* 2019;20(1): 738.
14. Khamdamova MT. Ageechographic characteristics of the uterus and ovaries in women of the first and second period of middle age. *Biology and integrative medicine*. 2020;42(2):75-86.
15. Helgstrand F, Bisgaard T. Time for use of mesh repair for all umbilical hernias? *Lancet*. 2018;2:821–822.