

ADAPTATION OF THE PANCREAS TO THE CONTENTS OF THE 12-COUNTER

Baybekova G.D.

ANDIJAN STATE MEDICAL INSTITUTE

Annotation: Adaptation is based on various mechanisms, including urgent ones based on the analysis of the properties of the duodenal contents. duodenal pancreatic secretion is corrected depending on the pH of its contents. type and concentration of nutrients of pancreatic enzymes.

Key words: PANCREAS, secretion, pancreatic enzymes.

Thus, it has been proven that the introduction of pancreatic secretions and its proteolytic enzymes inhibits the secretion of the pancreas, especially the secretion of pancreatic hydrolysis. Purpose: further study of the specificity of inhibition of the secretion of pancreatic enzymes was undertaken by intraduodenal administration of pancreatic amylase and its same together with an a-amylase inhibitor in acute and chronic experiments.

Material and Methods: Experiments were performed on 5 mongrel dogs weighing 12-15 kg. Anesthesia (chlorpromazine, hexenal) was carried out under controlled respiration. To collect pancreatic juice, the main pancreatic duct was cannulated, and a ligature was applied to the small duct. In the initial part of the duodenum, a catheter was strengthened for the introduction of a secretion stimulator. Blood and urine were collected through catheters. introduced into both ureter and single veCU.

The results of the present study which examined the discussion: Our results showed that intraduodenal administration of amylase did not have a pronounced effect on the volume of pancreatic secretion. on the content of bicarbonates, lipases and proteases in the juice. However, the amylolytic activity of the juice is significantly reduced in the composition of the secret. The introduction of amylase and its inhibitor into the duodenum (judging by the average data) removed the selective inhibitory effect of amylase introduced into the intestine.

Conclusions: The obtained experimental data allow the introduction of an amylase inhibitor to conclude that inhibition of the secretion of amylase by the pancreas, caused by a decrease in the amylolytic activity of the duodenal contents, will be removed from the duodenum.

REFERENCES:

1. Shoxabbos, S., & Mahramovich, K. S. M. K. S. (2023). CAUSES OF THE ORIGIN OF CARDIOVASCULAR DISEASES AND THEIR PROTECTION. *IQRO JURNALI*, 1-6.
2. Salomov, S. N. O. G. L., Aliyev, H. M., & Dalimova, M. M. (2022). RECONSTRUCTIVE RHINOPLASTY METHOD WITH EXTERNAL NOSE DEFORMATION AFTER UNILATERAL PRIMARY CHEILOPLASTY. *Central Asian Research Journal for Interdisciplinary Studies (CARJIS)*, 2(10), 87-90.
3. Salomov, S., Aliyev, H. M., & Rakhmanov, R. R. (2022). MORPHOMETRIC INDICATORS OF THE GROWTH OF THE THICKNESS OF THE LAYERS OF THE VISUAL CORTEX (FIELD 17, 18, and 19) OF THE LEFT AND RIGHT HEMISPHERES OF THE BRAIN IN A HUMAN IN POST-NATAL ONTOGENESIS. *Galaxy International Interdisciplinary Research Journal*, 10(1), 875-878.

4. Дильшода, Р. М. (2020). ЎЗБЕКИСТОН ТАРАҚҚИЁТИНИНГ ЯНГИ БОСҚИЧИДА ХОТИН-ҚИЗЛАР ИЖТИМОЙ ФАОЛЛИГИ-МАМЛАКАТ ТАРАҚҚИЁТИНИНГ МУҲИМ ОМИЛИ СИФАТИДА. *ВЗГЛЯД В ПРОШЛОЕ*, 3(4).
5. Рузиева, Д. М. (2020). ЯНГИЛАНАЁТГАН ЎЗБЕКИСТОН: ОИЛА МУСТАҲКАМЛИГИНИ ТАЪМИНЛАШДА АЁЛ МАЪНАВИЯТИНИНГ ЎРНИ. *ВЗГЛЯД В ПРОШЛОЕ*, 3(6).
6. Mavlonovna, R. D. (2021, May). PARTICIPATION OF WOMEN IN EDUCATION AND SCIENCE. In *E-Conference Globe* (pp. 158-163).
7. Mirzakarimova, D., Ya M. Yuldashev, and Sh T. Abdukodirov. "Factors biochemical morphological given toxic hepatitis, depending on treatments." *RE-HEALTH JOURNAL* 2, no. 6 (2020).
8. Pakirdinov, A. S., M. M. Madazimov, and D. A. Abdukadirov. "FEATURES OF GASTRIC AND DUODENAL ULCERS IN ELDERLY PATIENTS." *World Bulletin of Public Health* 13 (2022): 63-66.
9. Isanova, D., Azizov, Y., Mirzakarimova, D., Abdukodirov, S., Kayumov, A., & Solieva, M. (2021). Spectrum of pathogens derived from women diagnosed with urinary tract infections. *International Journal of Current Research and Review*, 13(1), 2-6.
10. Mavlonovna, R. D. Factors That Increase the Activity of Women and Girls in Socio-political Processes at a New Stage of Development of Uzbekistan. *JournalNX*, 7(07), 61-66.
11. CHULIEVA, V. E. (2021). THE PRINCIPLES OF COMMONALITY AND SPECIFICITY IN THE PHILOSOPHICAL TEACHINGS OF BAHÁ UD-DIN WALAD AND JALAL AD-DIN RUMI. *THEORETICAL & APPLIED SCIENCE Учредители: Теоретическая и прикладная наука*, (9), 566-573.
12. Salomov, S., Aliyev, X. M., Rakhmanov, P. P., Ashurova, M. D., & Makhamatov, U. S. (2022). HISTOSTRUCTURE OF THE GASTRIC MUCOUS MEMBRANE OF RATS WITH A SINGLE PROTEIN DIET. *EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE*, 2(4), 14-16.
13. Khairullayevich, S. H. Development of gymnastics in Uzbekistan and attention to gymnastics. *International scientific-educational electronic magazine" OBRAZOVANIE I NAUKA*, 21(12), 204-210.
14. Xayrulloevich, S. H. (2023). SPORT GIMNASTIKA MASHG'ULOTLARIDA ASOSIY HARAKAT QOBILYAT (FMS), POSTURAL (MUVOZANAT) NAZORAT VA O'ZINI O'ZI IDROK ETISHGA SPORT GIMNASTIKASINING TA'SIRI.
15. Sayfiyev, H. X. (2023). SPORT GIMNASTIKASI ORQALI YOSH BOLALARNING HARAKAT KO 'NIKMASI RIVOJLANTIRISH PEDAGOGIK MUAMMO SIFATIDA. *Educational Research in Universal Sciences*, 2(11), 300-306.
16. Sayfiyev, H. X. (2023). SPORT GIMNASTIKASINING PEDAGOGIK O 'LCHOV USULLARI. *Educational Research in Universal Sciences*, 2(10), 307-315.
17. Ayubovna, S. M., & Xayrullayevich, S. H. (2023). YOSH BOLLALARDA SPORT SPORT GIMNASTIKASINING PEDAGOGIK O 'LCHOVLAR NAZARIYASI VA TASHKILIY-METODIK ASOSLARINI TADQIQ ETISHNING MAQSADI, VAZIFALARI. *PEDAGOGICAL SCIENCES AND TEACHING METHODS*, 2(22), 108-118.
18. Xayrullayevich, S. H., & Ayubovna, S. M. (2023). BADMINTONCHILAR JISMONIY TAYYORGARLIGI VA UNI RIVOJLANTIRISH METODIKALARI. *FORMATION OF PSYCHOLOGY AND PEDAGOGY AS INTERDISCIPLINARY SCIENCES*, 2(18), 201-208.
19. Sayfiyev, H., & Saidova, M. (2023). EFFECTS OF GYMNASTICS ON FUNDAMENTAL MOTOR SKILLS (FMS), POSTURAL (BALANCE) CONTROL, AND SELF-

- PERCEPTION DURING GYMNASTICS TRAINING. *Modern Science and Research*, 2(9), 204-210.
20. Saidova, M., & Sayfiyev, H. (2023). CONTENT-IMPORTANCE AND PRINCIPLES OF PHYSICAL EDUCATION CLASSES. *Modern Science and Research*, 2(9), 192-199.
21. Ayubovna, S. M., & Komiljonova, K. I. (2022). Features of Application of Sports Games in Preschool Children. *International Journal of Culture and Modernity*, 16, 17-23.
22. Saidova, M. (2023). THE CONCEPT OF PHYSICAL QUALITIES. *Modern Science and Research*, 2(10), 251-254.
23. Ayubovna, S. M., & Xayrullayevich, S. H. (2023). YOSH BOLLALARDA SPORT SPORT GIMNASTIKASINING PEDAGOGIK O'LCHOVLAR NAZARIYASI VA TASHKILIY-METODIK ASOSLARINI TADQIQ ETISHNING MAQSADI, VAZIFALARI. *PEDAGOGICAL SCIENCES AND TEACHING METHODS*, 2(22), 108-118.
24. Saidova, M. A. (2023). SPORT VA FALSAFANING ALOQASI. SALOMATLIKGA TA'SIRI. *Educational Research in Universal Sciences*, 2(10), 288-293.
25. Ayubovna, S. M. (2023). JISMONIY TARBIYA DARSLARINING MAZMUNI-AHAMIYATI VA TAMOIYILLARI.
26. Nozimjon o'g'li, S. S. (2021). Tomir Urishining Biofizik Xususiyatlari. *TA'LIM VA RIVOJLANISH TAHLILI ONLAYN ILMIY JURNALI*, 1(4), 4-6.