

Using the Traditional Methods of Determining Rabbit's Throat

**Rashidov Khujakhan Karim son, Burkhanov, Begzodjon Nizamiddin son,
Jumaniyazov Hasan Ghairat son, Komiljonov Yakhyobek Saminjon son**

Samarkand State Veterinary Medicine, University of Livestock and Biotechnology, Talented students

Mukhtarov Elmurad Abdig'ulomovich

V.F.F.D., (PhD) assistant, Samarkand State Veterinary Medicine, University of Livestock and
Biotechnology

Abstract: Initially, during the investigation, 4 rabbits were taken for the experiment and they were divided into 4 experimental groups. First, they are checked by weight, then we check them by palpation. The age of rabbits is determined, so we study the physiology of rabbits.

Keywords: Rabbit breeders, rabbit physiology, palpation, experimental groups, traditional method, development, comparison.

INTRODUCTION. Veterinarians and rabbit breeders will palpate or gently probe (with fingers) a rabbit's abdomen to determine if it is colicky. During the first two weeks of gestation, you should be able to feel the young rabbits in the mother rabbit's womb. But knowing how to handle them without harming the fetus takes some skill. This is just a general guide and unless you are a vet or experienced breeder you should not attempt to palpate a pregnant rabbit yourself. Gently grasp the rabbit's ears and shoulder skin in your right hand. This strengthens the rabbit's upper body.

With your left hand, gently place the rabbit's lower body between its hind legs and pelvis. Gently place your thumb on the right side of your belly and your fingers on the left side. If the rabbit is pregnant, you should feel the developing embryos in her abdomen (Each embryo should feel the size of a grape). If you do not know how to safely palpate an animal, it is recommended that you take your rabbit to a veterinarian. A veterinarian knows how to safely examine your rabbit without harming the fetus. Do not palpate a pregnant rabbit if it has been more than 14 days. May harm the developing fetus. A pregnant rabbit, like a pregnant human, will gain weight during pregnancy. However, this weight is not a big, noticeable difference. The best way to determine if a rabbit is pregnant by weight is to use an accurate digital scale and compare that number to the rabbit's pre-pregnancy weight.

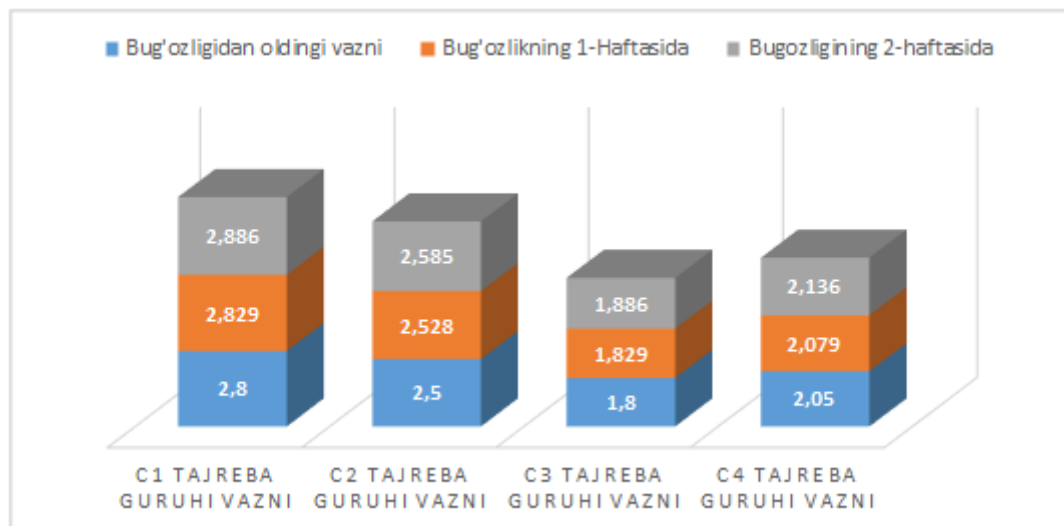


Fig. 1. Determining the size of a rabbit by weight. (kg) (given the same feed)

An average of 0.029 kg (about 0.064 lb) is gained during the first week of pregnancy, and about 0.057 kg (0.126 lb) by the end of the second week. After the second week, the weight of the mushroom does not change significantly. Have the vet do an ultrasound. Ultrasound is the best way to determine the pregnancy of a rabbit, because after the first six days of pregnancy, it reaches 100% accuracy. Your vet can perform an ultrasound to quickly and accurately determine whether or not your rabbit is pregnant.

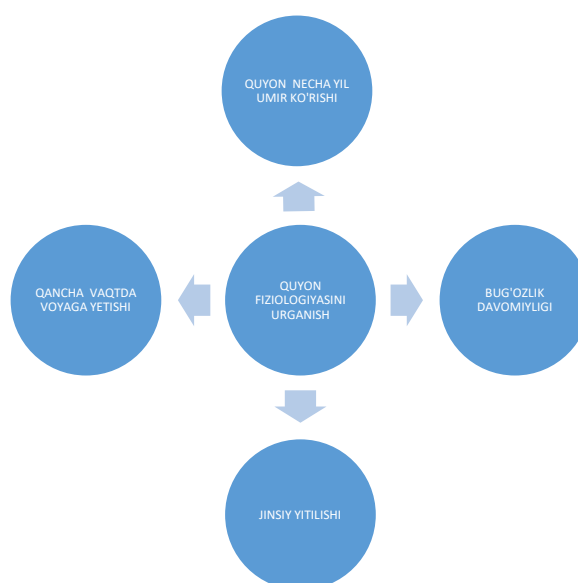


Fig. 2. Study of the physiology of the rabbit.

The average life expectancy is 7-8 years, but at home, babies can safely live up to 12 years, and in some cases can be observed even longer. If you take proper care of decorative eared rabbits, their lifespan can reach 8-12 years.

Another important criterion for determining the age of rabbits is the jaw of teeth. A rabbit always has white and even teeth. By the age of one year, the teeth are clear, yellow-gray, gray spots, then covered with yellow-gray fur.

Most rabbit breeds reach sexual maturity between three and six months. Female rabbits can become pregnant as early as 12 weeks of age, but this is generally not recommended for the health and safety of the rabbit.

If your rabbit is less than 12 weeks old, it's not strait. However, if she falls between three and six months of age, she may have reached sexual maturity and is likely to become pregnant.

If your rabbit is more than two or three years old, she may be too old to become pregnant. In this case, your rabbit is not pregnant.

Understand rabbit breeding trends. Rabbits are capable of breeding year-round, but male fertility decreases during winter and summer extremes. Rabbits are most likely to become pregnant in the spring or autumn when the weather is mild, but again, a rabbit can become pregnant at any time of the year.

This means that a female rabbit's body is physically prepared for conception within eight hours of meeting a male rabbit.

Female rabbits have a strong instinct to build nests while waiting for offspring. A pregnant rabbit usually covers her nest with fur to protect her nest. If your bird is nesting, she may be pregnant. However, some female rabbits experience a "false pregnancy," in which the bird lays itself but is not actually pregnant. Therefore, nesting is not an accurate way to determine broodiness, although it is maternal instincts.

Separate women from all men. Once you know for sure that your doe is pregnant, it is important to keep her and all male rabbits separate. This is because a man can re-impregnate a woman within hours of giving birth. This can cause a lot of stress for the female rabbit and make it impossible for the female rabbit to wean her first litter until her second birth.

Some animal experts recommend trying to find a way to allow male and female rabbits to interact without sharing the same cage or hutch. This is because it can be difficult to get two rabbits back together after the female gives birth if they are not properly placed during separation. If possible, try to keep their cages next to each other or make it difficult for them to cross each other.

CONCLUSION. As far as palpation of rabbits is concerned, the traditional method of palpation can damage the developing embryo in the rabbit's abdomen and is of little benefit for examination. In order to determine their weight, it is necessary to keep them in the same conditions (not to change different feeds). Changing the food environment causes a change in rabbit body weight and does not give results.

REFERENCES LIST.

1. Dilmurodov, N. (2010). The Developmental Peculiarities of Tubular Bones of Autopodies of Sheep at Postnatal Ontogenesis in Dependence on Habitat Conditions. *新疆农业大学学报*, 6.
2. Yunusov, H. B., Dilmurodov, N. B., Kuliev, B. A., & Akhmedov, S. M. (2021). The Role Of Coccal Microflora In The Etiology And Pathogenesis Of Respiratory Diseases In Lambs Of The Karakul Breed Of Uzbekistan. *Int. J. of Aquatic Science*, 12(3), 1923-1928.
3. Ярмолович, В. А., Юнусов, Х. Б., Федотов, Д. Н., Даминов, А. С., Дилмуродов, Н. Б., & Кулиев, Б. А. (2020). Морфофункциональная характеристика вымени у коров различной продуктивности.
4. Bakhodirovich, Y. J., & Bobokulovich, D. N. (2022). Treatment and Prevention of Transmissive Veneric Sarcoma in Dogs. *Eurasian Medical Research Periodical*, 7, 81-85.
5. Дилмуродов, Н. Б., Дониёров, Ш. З., & Чориев, О. Н. (2022). Бройлер жўжалар елка суяги таркибидаги кул ва умумий органик моддалар микдори постнатал онтогенезда ўзгариши. *Вестник Ветеринарии и Животноводства*, 2(1).
6. Mukhtarov, E. A., Bobokulovich, D. N., & Ishkuvvatovich, B. E. (2022). Dynamics of some indicators of sheep blood. *Journal of new century innovations*, 17(2), 36-42.
7. Abdig'ulomovich, M. E., & Babaqulovich, D. N. (2022, April). Dynamics of triglitsrin in blood in different conditions. In *E Conference Zone* (pp. 202-204).

8. Дилмуродов, Н., & Мухторов, Э. (2021). Турли яшаш шароитидаги ҳисори зотли қўйлар постнатал онтогенезида оёқлар проксимал мускулларининг морфометрик хусусиятлари. *Вестник Ветеринарии и Животноводства*, 1(1).
9. Mukhtorov, B. Z., & Dilmurodov, N. B. (2021). Pathomorphological changes in poultry pododermatitis in cows. *Academicia: An International Multidisciplinary Research Journal*, 11(4), 1679-1683.
10. Muxtarov, E. A., Normuradova, Z. F., & Dilmurodov, N. B. (2022). Qo'ylar muskullarning morfometrik o'zgarish dinamikasi. *Agrobiotexnologiya va veterinariya tibbiyoti ilmiy jurnali*, 407-410.
11. ДИЛМУРОДОВ, Н. Б. (2015). Физические параметры метаподия овец гиссарской породы в постнатальном онтогенезе. *Вестник ветеринарии*, (4), 58-60.
12. Mukhtarov, B. Z., & Dilmurodov, N. B. Some Biochemical Indicators of Blood in Prosperous Cows in Pure Pododermatitis. *JournalNX*, 6(06), 58-62.
13. Дилмуродов, Н. Б., Дониёров, Ш. З., & Султонов, Б. А. (2021). Бройлер жўжалари узангилик (цевка) суягининг морфогенезига пробиотиклар таъсири. *Вестник Ветеринарии и Животноводства*, 1(2).
14. Muzafar, Y., Zoyir, M., & Nasriddin, D. (2023). Morphometric features of the femor bone of different rabbits. *Scientific Impulse*, 1(9), 563-570.
15. Zafarovich, D. S., Babakulovich, D. N., & Norboyevich, C. O. (2022). Changes in the Amount of Calcium and Phosphorus in the Composition of the Femur Bone of Broiler Chickens in Postnatal Ontogenesis. *International Journal of Innovative Analyses and Emerging Technology*, 2(2), 21-25.
16. Dilmurodov, N., Mirzoyev, Z., & Normuradova, Z. (2022). Морфогенез бедренной кости кроликов породы фландер на разных физиологических стадиях. *Вестник ветеринарии и животноводства (ssuv. uz)*, 2(2).
17. Мухторов, Э., & Дилмуродов, Н. (2021). Ҳисори зотли қўйлар елканинг сонниг тўрт бошли мускули толасининг ядроси диаметрини постнатал онтогенезда ўзгариши. In *International Conference on Agriculture Sciences, Environment, Urban and Rural Development*. (pp. 49-52).
18. Dilmurodov, N. B., Yakhshieva, S. K., & Rakhmanova, G. S. (2021). Probiotics influence on the glandular stomach of broiler chickens in postnatal morphogenesis. *Academicia: an international multidisciplinary research journal*, 11(2), 1656-1660.
19. Dilmurodov, N., Rakhmanova, G., Fedotov, D., & Normuradova, Z. (2022). Возрастная морфология надпочечников у птиц. *Вестник ветеринарии и животноводства (ssuv. uz)*, 2(2).
20. Po'lat, Z., & Nasriddin, D. (2022). Tovuqlar ovqat hazm organlarining tuzilishidagi morfofunktsional xususiyatlar (Adabiyot ma'lumotlari tahlili). *Conferencea*, 120-125.
21. Qurbonova, N., & Dilmurodov, N. (2022). Problems in learning a foreign language. *Ilm fan taraqqiyotida zamonaviy metodlarning qo'llanilishi*, 2(28), 51-53.
22. Дониёров, Ш. З., & Дилмуродов, Н. Б. (2021). Бройлер жўжалар елка суяги таркибидаги намлик микдорини постнатал онтогенезда ўзгариш динамикаси. In *International Conference on Agriculture Sciences, Environment, Urban and Rural Development*. (pp. 45-48).
23. Shuxratovna, R. G., Babakulovich, D. N., Fayzullayevna, N. Z., & Nikolayevich, F. D. (2022). "Tuxum yo 'nalishidagi tovuqlar reproduktiv organlarining postnatal morfogenezi"(adabiyot ma'lumotlari asosida). *Scientific Impulse*, 1(4), 603-608.
24. Tursagatov, J. M., & Dilmurodov, N. B. (2022). Har xil yoshli qorako'l qo'ylar stilopodiy suyaklari diafizi qalinligining o'zgarish dinamikasi. *Agrobiotexnologiya va veterinariya tibbiyoti ilmiy jurnali*, 949-953.

25. Dilmurodov, N., & Doniyorov, S. (2021). Влияние пробиотиков на морфогенез костей цевка у циплят-бройлеров. *Вестник ветеринарии и животноводства (ssuv. uz)*, 1(2).
26. Tursagatov, J. M., & Dilmurodov, N. B. (2023). Influence of the Conditions Regions on the Linear Parameters Forearm-Elbow Bones of Karakul Sheep. *European Journal of Veterinary Medicine*, 3(6), 8-11.
27. Ulomovich, m. E. A., & Babakulovich, D. N. Morphogenesis Of The Hind Leg Distal Muscles Of Hissar Sheep Of Different Breeds In Different Ecological Conditions. *JournalNX*, 6(06), 25-29.
28. Дилмуродов, Н. Б., & Мухтаров, Э. А. (2021). Ҳисори зотли қўйлар постнатал онтогенезида соннинг икки бошли мускулларнинг морфологик хусусиятлари. *Veterinariya meditsinasi Agrozoovetservs*.
29. Нурмухамедов, Б. М., Дилмуродов, Н. Б., Эшбуриев, С. Б., & Рахмонов, У. А. (2019). Морфофункциональная характеристика яичников у коз.
30. Дилмуродов, Н. Б., & Мухтаров, Э. А. (2020). Ҳисори зотли қўйлар олдинги оёқ дистал мускулларнинг постнатал онтогенезидаги морфологик хусусиятлари. *Veterinariya meditsinasi*.
31. Yakubov, M. A., Dilmurodov, N. B., Muxtorov, B. Z., & Muxtarov, E. A. (2023). Change of biochemical indicators of blood in putural pododermatitis of productive cows. *Scientific impulse*, 1(9), 555-562.
32. Мухтаров, Э. А., & Дилмуродов, Н. (2021). Ҳисори зотли қўйлар постнатал онтогенезида мускулларнинг айрим кимёвий кўрсаткичлари. *Veterinariya meditsinasi Agrozoovetservs*.
33. Мухторов, Э. А., & Дилмуродов, Н. Б. (2020). Ҳисори зотли қўйлар постнатал онтогенезида оёқ мускулларининг морфологик кўрсаткичларига яшаш шароитини таъсири. *журнал агро процессинг*, 2(2).
34. Дилмуродов, Н. Б., Пардаева, Ш. А., & Мирзаев, С. М. (2023). Сигирларда пододрматит жараёнларини келтириб чиқарувчи омиллар ва кечиш хусусиятлари. *Вестник ветеринарии и животноводства*, 3(1).
35. Рахманова, Г. Ш., Дилмуродов, Н. Б., & Федотов, Д. Н. (2022). Гистологическое состояние надпочечников у кур в условиях птицефабрик узбекистана. *Agrobiotexnologiya va veterinariya tibbiyoti ilmiy jurnali*, 353-355.
36. Zafarovich, D. S., & Babakulovich, D. N. (2021). Changes In Natural And Hygroscopic Moisture Content Of Broiler Chickens In Postnatal Ontogenesis. *nveo-natural volatiles & essential oils journal| NVEO*, 15710-15713.
37. Федотов, Д. Н., & Дилмуродов, Н. Б. (2020). Практическое изучение микропрепаратов в общей и частной гистологии.
38. Нурмухамедов, Б. М., Дилмуродов, Н. Б., Эшбуриев, С. Б., & Эшматов, Г. Х. (2019). Морфофункциональные изменения в яичниках коз под влиянием гонадотропных препаратов.
39. Zarpullayev, P., & Dilmurodov, N. (2022). Ferula assafoetida o ‘simligining hayvonlarning reproduktiv faoliyatiga TA’SIRI. *Conferencea*, 88-90.
40. Abdigulomovich, M. E., & Bobokulovich, D. N. (2021). Changes In The Postnatal Ontogenesis Of Historological Indicators Of The Four-Headed Muscle Number Of Hisori Sheep. *nveo-natural volatiles & essential oils journal| nveo*, 15705-15709.
41. Дилмуродов, Н. Б. (2009). Влияние экологических условий на онтогенез кости метаподий у овец. *Ветеринария*, (4), 42-43.

42. Дилмуродов, Н., & Худойназарова, Н. (2019). Закономерности изменения суставного и метаэпифизарного хряща костей акроподий в постнатальном онтогенезе.
43. Dilmurodov, N. B., Karimov, M. G., & Normurodova, Z. F. (2018). Hayvonlar morfologiyasi fanidan amaliy laboratoriya mashg'ulotlari.
44. Dilmurodov, N. B., Yakhshieva, S. K., & Rakhmanova, G. S. Probiotics influence on the glandular stomach of broiler chickens in postnatal morphogenesis, cademia: an international multidisciplinary research journal.
45. Mukhtarov, E. A. U., & Dilmurodov, N. B. Morphogenesis of the hind leg distal muscles of hissar sheep of different breeds in different ecological conditions. *A Multidisciplinary Peer Reviewed Journal*. P, 25-29.
46. Dilmurodov, N., & Mukhtarov, E. Effect of ecological conditions on the morphometric properties of wrist joint muscles in postnatal ontogenesis of sheep.
47. Турсагатов, Ж. М., & Дилмуродов, Н. Б. (2022). Ҳар хил ёшли қорақўл қўйлар стилоподий суяклари диафизининг ўзгариш динамикаси. *Agrobiotexnologiya va veterinariya tibbiyoti ilmiy jurnali*, 949-953.
48. Muxtarov, E. (2021). Changes In The Postnatal Ontogenesis Of Histological Indicators Of The Four-Headed Muscle Number Of Hisori Sheep. *Scienceweb academic papers collection*.
49. Дилмуродов, Н. (2016). Суяк илиги бўшлиғининг қўйларнинг ёши ва зотида кўра ўзгариши. *Зооветеринария*, 2, 19-21.
50. Zafarovich, D. S., Babakulovich, D. N., Khojimukhammad, K., Suhrob, A., & Bunyodjon, R. (2023). Change of ash and total organic substances of the humerus chicken broiler applied probiotics during postnatal ontogenesis. *Ethiopian International Journal of Multidisciplinary Research*, 10(12), 399-406.
51. Zafarovich, D. S., Babakulovich, D. N., Kakhramon, N., & Otabek, Y. (2023). Postnatal ontogenesis of macroatomical indicators of tarsometatarsus of broiler chickens receiving probiotics. *Ethiopian International Journal of Multidisciplinary Research*, 10(12), 345-350.
52. NB Dilmurodov,. Change of the morphometric dimensions of the sheep's local ring and thyroid areas during postnatal ontogenesis. *Ethiopian International Journal of Multidisciplinary Research*. 2023/12/9.
53. Dilmurodov, Nasriddin Bobokulovich; Mukhtarov, Elmurod Abdihulomovich; Urinboyev, Hasanboy Abdusamad o'g'li. The dynamics of changing of the sheep glossary muscle. *International Multidisciplinary Journal for Research & Development*. 2023/12/6.
54. Mukhtarov, Elmurod Abdigulomovich; Dilmurodov, Nasriddin Bobokulovich; Azimoba, Dilnura Madat qizi. (2023). Postnatal morphogenesis of histological indicators of the quadrice muscle of hisori breed sheep. *Ethiopian International Journal of Multidisciplinary Research*, 10(12), 240–247.
55. N.B. Dilmurodov. (2023). Characteristics of changes in the postnatal ontogenesis of the scapula of small corn molars. *Ethiopian International Journal of Multidisciplinary Research*, 10(12), 195–203.
56. S.X. Yakhshieva, N.B. Dilmurodov,. (2023). Intestinal morphogenesis in postnatal ontogenesis of broiler chicks. *Ethiopian International Journal of Multidisciplinary Research*, 10(12), 232–239.
57. N.B. Dilmurodov, (2023). Characteristics of changes in postnatal ontogenesis of the pelvic bone of small corn molars. *International Multidisciplinary Journal for Research & Development*, 10(12).
58. Avazbek, B., Javohir, M., & Elmurod, M. (2022). Qondagi albuminning turli shashroitlardagi ko'rsatkichlari. *World scientific research journal*, 2(2), 128-132.

59. Oybek, A., & Elmurod, M. (2022). Morphometric changes of skeletal muscles of animals in the postnatal period (review of literature). *Conferencea*, 161-165.
60. Кулиев, Б. А., Ахмедов, С. М., & Мухтаров, Э. А. (2022). Лечение т-активином ягнят каракульской породы, больных пневмонией. *Journal of new century innovations*, 17(4), 130-138.
61. Alimjonovich, Y. M., & Abdiglomovich, M. E. (2022). Estropane some morphogenesis of cow blood. *American Journal of Research in Humanities and Social Sciences*, 6, 38-42.
62. Кулиев, Б. А., Ахмедов, С. М., & Мухтаров, Э. А. (2022). Патоморфология пневмоний у ягнят каракульской породы. *Journal of new century innovations*, 17(4), 146-154.
63. Мухторов, Э. А. (2020). Действие условия содержания на морфологические показатели мускулатуры конечности постнатального онтогенеза у гиссарской породы овец. In *современное состояние, традиции и инновационные технологии в развитии апк* (pp. 137-140).
64. Мухторов, Э. А. (2019). Ҳисори зотли қўйлар орқа оёқ мускулларининг постнатал онтогенездаги морфометрик хусусиятлари. *журнал агро процессинг*, (4).
65. Alimjonovich, Y. M., Rajabovich, M. Z., & Abdiglomovich, M. E. (2022). Morphometric characteristics of tibi bone in postnatal ontogenesis of rabbits of different breeds. *Spectrum Journal of Innovation, Reforms and Development*, 9, 324-330.
66. Бобоназаров, Э. И., & Мухтаров, Э. А. (2022). Применение препарата полиамидин-п для профилактики и лечение пироплазмоза крупного рогатого скота. *Journal of new century innovations*, 17(2), 43-50.
67. Мухтаров, Э. А. (2020). Қўйлар постнатал онтогенезида мускулларнинг айрим кимёвий хусусиятлари.
68. Muxtarov, E. (2022). Estropane some morphogenesis of cow blood. *American Journal of Research in Humanities and Social Sciences*.
69. Karim o'g'li, R. K., Ikram o'g'li, E. U., & Abdigulomovich, M. E. (2023). Karakol sheep lymphatic flow from the skin of the distal and wrax of the front leg. *International Multidisciplinary Journal for Research & Development*, 10(12).
70. Umarjon, E., Khujakhan, R., & Elmurod, M. (2023). Liver histomorphological structure. *Ethiopian International Journal of Multidisciplinary Research*, 10(12), 213-220.
71. Ибадуллаев Ф.И., Абдусаттаров А.А., Кулиев Б. Патоморфологических изменения у каракульских ягнят при экспериментальной пневмонии //Тез.докл. “Профилактика и меры борьбы с болезнями с.х животных Узбекистана”.-Ташкент, 1989.- С.16.
72. Mukhitdinovich, A. S., Suvonovich, D. A., & Amridinovich, K. B. (2023). PATHOLOGISTOLOGICAL CHANGES IN ORGANS IN SHEEP PARAMPHISTOMATOSIS. *Conferencea*, 113-117.
73. Mukhitdinovich, A. S. (2023). CLINICAL SIGNS OF SHEEP PARAMPHISTOMATOSIS. *American Journal of Pedagogical and Educational Research*, 12, 47-50.
74. Mukhitdinovich, A. S., Suvonovich, D. A., & Amridinovich, K. B. (2023). PATHOLOGISTOLOGICAL CHANGES IN ORGANS IN SHEEP PARAMPHISTOMATOSIS. *Conferencea*, 113-117.
75. Akhmedov, S. M., Daminov, A. S., & Kuliev, B. A. (2023). Episotological monitoring of sheep paramphistomatosis in different biogeotcenoses of Samarkand region. *Экономика и социум*, (5-1 (108)), 14-17.

76. Mukhitdinovich, A. S. (2023). CLINICAL SIGNS OF SHEEP PARAMPHISTOMATOSIS. *American Journal of Pedagogical and Educational Research*, 12, 47-50.
77. Mukhitdinovich, A. S. (2023). MORPHOFUNCTION CHANGES IN SHEEP PARAMPHISTOMATOSIS. *Conferencea*, 31-34.
78. Axmedov, S. M., Daminov, A. S., & Kuliyeu, B. A. PARAMFISTOMATOZDA QO ‘YLAR ICHKI ORGANLARIDAGI PATANATOMIK VA PATOGISTOLOGIK O ‘ZGARISHLAR. *International Journal of Agrobiotechnology and Veterinary Medicine*.
79. Axmedov, S., Daminov, A., Kuliyeu, B., & Bobonazarov, E. (2022). ПАТОГЕНЕЗ, ДИАГНОСТИКА, ЛЕЧЕНИЕ И ПРОФИЛАКТИКА ПАРАМФИСТОМАТОЗА.(По литературным данным). *Вестник ветеринарии и животноводства (ssuv. uz)*, 2(2).