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in the meeting of the Council
of the Faculty of Veterinary Medicine of the LSMU
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No VF10-20
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LITHUANIAN UNIVERSITY OF HEALTH SCIENCES VETERINARY ACADEMY,
FACULTY OF VETERINARY MEDICINE, PROCEDURE OF
PRE-CLINICAL PRODUCTION ANIMAL PRACTICE
OF THE STUDENT IN THE STUDY PROGRAMME OF VETERINARY MEDICINE

I. GENERAL PART

1. The procedure of Formation of Pre-clinical Production Animal Practice (hereinafter Prie-clinical Practice) in the Study Programme of Veterinary Medicine in the Faculty of Veterinary medicine, Veterinary Academy, Lithuanian University of Health Sciences (LSMU VA FVM) (hereinafter Procedure) was prepared with reference to the following documents:

1.1. Law on Science and Education of the Republic of Lithuania of 29/06/2016. No. XII-2534;

1.2. Description of the study field of veterinary medicine. Approved by the Order No V-1687 of the Minister of Education and Science of the Republic of Lithuania of 4 November 2020.

1.3. Manual of Standard Operating Procedure (SOP) 2019 as amended in September 2021

2. This Procedure defines organisation, implementation and submission of prie-clinical production animal practice in animal farms, companies or other production animal practice bases for the second year students of Veterinary medicine program of LSMU VA.

3. The formation of pre-clinical production animal practice shall be organized by the unit of the Faculty of Veterinary Medicine (FVM) and coordinator approved by the LSMU VF Council.

II. BASIC CONCEPTS

4. **Pre-clinical production animal practice** – (hereinafter - Practice) obligatory part of Veterinary medicine study, during which the 2th year student acquires the competencies in *production animal* Veterinary Hygiene and Welfare, Rearing and Breeding, Feeds and Animal Nutrition under supervision of the practice supervisor and following the present procedure.

5. **Coordinator of the pre-clinical production animal practice** - (hereinafter - Coordinator). The FVM lecturer recommended by the responsible FVM unit and appointed by the FVM dean's decree.

6. Supervisor of the pre-clinical production animal practice (hereinafter - Supervisor) – farm owner, animal manager who has working experience of at least 3 years and have a higher education.

7. Base of pre-clinical production animal practice (hereinafter - Practice base) – farms and companies that breed farm animals, produce and sell products of animal origin.

III. AIM OF PRIE-CLINICAL PRACTICE

8. To develop the skills and abilities required for ensuring of production animal hygiene and welfare, rearing and breeding, feeding and nutrition.

IV. RESULTS OF PRIE-CLINICAL PRACTICE

9. The second year Veterinary medicine student after successful completion of Practice will acquire these competencies and will be able to assess:

9.1. to use and apply biosecurity measures;

9.2. to determine animal environmental hygiene;

9.3. to keep proper animal hygiene;

9.4. behaviour of farm animals on keeping place;

9.5. identify examples of abnormal pathological behaviour;

9.6. identify behaviour related to animal welfare problems (vocalization, movements, lying, feeding, and aggressive behaviours, other symptoms such as coughing etc.);

9.7. fulfilment of animal welfare requirements on animal's keeping place;

9.8. housing technologies and production of different pig groups;

9.9. housing systems and production (meat, eggs) of different poultry species;

9.10. exterior and production of different age sheep;

9.11. cow and different age off spring housing technologies of cows and different age offspring, milking technologies and equipment used;

9.12. to identify animal breeds and describe their characteristics;

9.13. to fill in the document of animal's pedigree;

9.14. to identify cases of related mating of animals from the data of origin, to evaluate the negative consequences of related mating;

9.15. carry out the selection of animals on the basis of origin, characteristics of conformation, productive traits and evaluation of genetic data;

- 9.16. to identify of breeding methods and assessment of the impact on animal productivity and health indicators;
- 9.17. to carry out the selection of animals according to their origin, characteristics of conformation and productivity;
- 9.18. the physical properties of the soil, its suitability for growing crops;
- 9.19. the quality of conserved, combined or specialized feeds using the sensory method;
- 9.20. the wholesomeness of animal nutrition (the nutritional and energetic value of a ration).

V. ORGANIZATION AND IMPLEMENTATION OF THE FORMATION OF PRE-CLINICAL PRACTICE

- 10. The formation of Practice is obligatory for all the second year students of Veterinary Medicine programme. It is performed in the spring semester (4th semester) at the time specified in the grid until the beginning of the *debt liquidation week of the spring semester*.
- 11. The duration of Practice - 80 academic hours (3 ECTS) of which 14 hours – practice report and logbook writing, 2 hours – to inform students about practice arrangements and other relevant information; 64 hours (*dividing the hours over a period of 10 days*) – practice in the practice base:
 - 44 hours - formation of practical skills in a dairy cattle farm (dividing the hours over a period of 7 days) is mandatory for all students;
 - 20 hours (dividing the hours over a period of 3 days), the student *can continue the practice on a dairy cattle farm* or choose a practice base on poultry, pig or sheep and goat, beef cattle farms farms.
- 12. The student choose The Practice base finds it himself.
- 13. The Practice base may be farms or companies where there are kept *at least*:
 - 100 dairy cattle;
 - 50 sheep or goats;
 - 100 pigs;
 - Poultry farms (keeping at least 100 birds);
- 14. The Contract of Practical Training (A Tripartite Agreement) of the Student (praktika.lsmuni.lt) regarding Practice shall be signed (electronic signature) between the University, Practice base and the student. The University shall be represented by a person appointed by the Rector's order.

15. If it is not possible to sign an electronic Contract of Practical Training of the Student then a paper Contract of Practical Training of the Student shall be signed and present to the Coordinator.

16. The student performs Practice according to a Schedule agreed with Supervisor and submitted to the Coordinator. The student together with the Supervisor draw up a time schedule for the Practice.

17. Student, who has missed at least one Practice day because of justifiable or unjustifiable reason, must redo it, regardless of the reason of the miss. Changes to the schedule shall be notified to the Coordinator immediately by e-mail.

VI. FUNCTIONS, RIGHTS, DUTIES AND RESPONSIBILITIES OF THE SUPERVISOR OF PRE-CLINICAL PRACTICE

18. The Supervisor of Practice shall:

18.1. Enable and help students to deepen their pre-clinical theoretical knowledge and practical skills;

18.2. Provide an opportunity for students to carry out the study results provided in the description of Practice under supervision of the supervisor which will allow to prepare for clinical studies.

18.3. Present safety and bio-safety requirements to the students;

18.4. In the end of the Practice the supervisor shall evaluate student and write Supervisor's EVALUATION and comments on the student and his practise (Annex 3).

18.5. In the Supervisor's EVALUATION form about the student and his fulfilment of Preclinical Practice declare (stamped and signed) that information provided in Logbook and REPORT is true and correct. This document must uploaded at the time and place in Moodle specified by coordinator Supervisor's EVALUATION about the student shall be provided until the beginning of the debt liquidation week of the spring semester.

VII. FUNCTIONS AND RIGHTS OF THE COORDINATOR OF PRE-CLINICAL PRACTICE

19. The Practice is organized under the responsibility of the Coordinator who shall:

19.1. Organize preparation of the necessary documents;

- 19.2. Fills out the descriptors of pre-clinical practice in LSMU SIS;
- 19.3. Ensure timely preparation and submission of the tripartite agreements to students;
- 19.4. In LSMU Moodle system organize acceptance of practice reports, logbook, reflection and supervisor evaluation on monitoring and evaluation;
- 19.5. Organize an anonymous survey of students and carry out its analysis;
- 19.6. Organize students reporting for Practice.

VIII. STUDENT'S RIGHTS, POSITION AND RESPONSIBILITIES

- 20. During Practice the student must:
 - 20.1. To observe the internal regulation of procedure and biosecurity specified in in the Practice base;
 - 20.2. To keep the principles of veterinary ethics;
 - 20.3. To perform the tasks provided in this procedure and the contract of the Practice and assigned by the practice Supervisor.
- 21. Students' rights:
 - 21.1. To implement the Practice programme, and receive necessary consultations;
 - 21.2. To refuse in written to carry out orders of the Supervisor (this does not exempt the student from the programme's execution), and to notify the Coordinator of practice when the tasks unrelated to their studies and practical training, or unqualified job are imposed on students during the practice;

IX. REPORTING OF PRE-CLINICAL PRACTICE

- 22. During the Practice the student must fill Logbook (Annex 2), prepare REPORT (Annex 1) and REFLECTION. All this documents shall be saved in one document (in PDF format, *title*: students name, surname, group) and placed in Moodle at the time specified by Coordinator until the beginning of the debt liquidation week of the spring semester:
 - a. REPORT – a mandatory part of the Practice, if not submitted on time or written in accordance with the specified requirements, the practice will be not evaluated;
 - b. Logbook – a part of the report, must be completed daily. Describes in free form what the student did during the practice on a particular day. Failure to submit a completed logbook with the report will result in the report not being evaluated;
 - c. REFLECTION – a part of the report. Without reflection, the report will not be evaluated.

X. EVALUATION OF PRE-CLINICAL PRACTICE

23. The student's knowledge acquired during the Practice is assessed in accordance with the provisions of the LSMU Study Regulation.
24. During the Practice the student's acquired abilities are assessed by the practice supervisor
25. The report is evaluated by the Practice Evaluation Commission, appointed by the FVM dean's decree.
26. For the assessment of student achievements, a cumulative assessment is applied (from 1.0 to 10.0 points) using formula:
$$BV = A \times 0.2 + B \times 0.8$$

(8 (0,2 *Animal Rearing*; 0,17 *Veterinary hygiene*; 0,17 *Animal welfare*; 0,17 *Animal Breeding*; 0,09 *Feeds and Animal nutrition*)
BV – 100 % evaluation of the Practice;
A – 20 % the evaluation of the Practice supervisor (practice supervisor's evaluation must be evaluated with a positive score (not less than 5 points);
B – 80% (20% *Animal Rearing*; 17% *Veterinary hygiene*; 17% *Animal welfare*; 17% *Animal Breeding*; 9% *Feeds and Animal nutrition*) of the Practice Evaluation Commission (Annex 4) all sections of the report (*Veterinary Hygiene and Welfare, Animal Rearing and Breeding; Feeds and Animal nutrition*) and divided by the number of assessors. All sections of the report must be evaluated with a positive score (not less than 5 points). Note: when two reports are submitted for assessment, the total assessment of one part of the report must be at least 5 points.
27. If unfair behaviors are identified when evaluating a student's Practice report: writing, plagiarism, duplication, forgery or other unfair practices, the provisions of Chapter VIII (Evaluation of the achievements of students and listeners) Section XI (Academic honesty) Chapter III (Rights and duties of students and listeners) of the LSMU Study Regulation shall apply.
28. Regarding the assessment and assessment procedures, the student has the right to appeal in accordance with the provisions of the LSMU Study Regulations.
29. In cases of harassment, sexual harassment, pursuit or violence, the student may contact the University administration directly or fill in the report form in the Academic Ethics section of the University website in Lithuanian or English, as specified in the Rules of Prevention of Harassment, Sexual Harassment, Pursuit and Violence of Lithuanian University of Health Sciences. Free psychological assistance is provided to LSMU staff and students who have experienced discrimination, harassment or other degrading events.

30. Students have the right to complain about disputes with the administration and other employees in accordance with the LSMU Student Dispute Resolution Procedure with the administration and other employees.

XI. FINAL PROVISIONS

31. The procedure comes into force on the 31th of January 2025.
The procedure may be amended, supplemented or cancelled by the decision of the Council of the Faculty Veterinary Medicine.