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| Module name: | Comparative anatomy | |
| ECTS: | 4 | |
| Learning effects | Course outcomes: | |
| Knowledge: | 1 | Student knows and describes proper structures of animal organism |
| | 2 | Student knows anatomy, describes and explains functions of certain systems in animal organism (respiratory, digestive, circulatory, motor, reproductive, hormonal, immunological and common integument) |
| | 3 | Student is able to use English and Latin medical nomenclature |
| | 4 | Student determines position and function of muscles, position of blood vessels and nerves as well as anatomy of joints in selected species |
| | 5 | Student estimates proper anatomical structure of animal organism |
| | 6 | Student knows differences between species, breeds and morphotypes in anatomy of certain structures and organs |
| | 7 | Student understands the importance of certain structures and organs in clinical practice |
| Skills: | 1 | Student is able to listen to and answer in clear, concise language |
| | 2 | Student understands the need for continuous education |
| | 3 | Student acquires skills to use basic surgical instruments in anatomical preparation |
| | 4 | Student acquires skills in soft tissues surgery |
| | 5 | Student knows own limitations during surgical intervention |
| | 6 | Student acquires the ability to make fast decisions during surgical interventions |
| Competences: | 1 | Student has a habit of constant improvement of knowledge and abilities |
| | 2 | Student is able to organize teamwork |
| | 3 | Student has knowledge necessary for further education |
| Objectives of the module required to obtain learning effects: | The aim of the subject is to teach the students the proper anatomical position of musculature, lymph nodes, blood vessels and nerves in domestic animals (dog, cat, horse, cattle), accounting for the clinical aspects. Detailed arthrology knowledge; establishing proper foundation for further studies of Topographical anatomy, Physiology, Clinical diagnostics, Pathological anatomy, subjects connected with animal husbandry as well as slaughter animals' hygiene. Among the main objectives of the subject is also teaching the students correct usage of surgical instruments as well as knowledge on anatomical limitations of surgical interventions. | |
| Assessment methods: | 3 written tests | |