

Examination ECVSMR

Topics: TRAINING IN SPORTS MEDICINE AND REHABILITATION

according to Policies and Procedures

Part 1: core knowledge

	ECVSMR percentage distribution
2.3.1. Objective assessment of the animal	
basis science needed for objective assessments anatomy, exercise physiology, pathology biomechanics of animals and activities muscle and tissue physiology and pathophysiology	20-25
apply and interpret the results of objective measures	20-25
exercise physiology and pathology (e.g. aerobic and anaerobic capacity) gait analysis (kinetics, kinematics, EMG) muscle development, tone, function, strength assessment of pain assessment of function as it relates to daily activities and sporting activities	
2.3.2. Issues influencing athletic performance	10 to 15
preventive measures behaviour, cognitive demands, environmental factors performance factors age, breeding, genetics nutrition, supplements types of sports, rules and regulations training techniques sport related risk factors, controversies welfare issues in animal sports and work sport event regulations, drugs and doping hostile environments (heat, altitude, hygrometry)	
2.3.3. principles and techniques of rehabilitation	20-25
physical modalities (laser, ESWT, ultrasound, electrotherapy) therapeutic modalities (hydrotherapy, magnetic fields, assistive devices, orthotics, prosthetics) therapeutic exercise equipment scientific evidence for physical modalities Indications and contraindications manual therapy manipulative therapies	
2.3.4. general veterinary knowledge	20-25
identification of various diseases causes of diseases diagnostic tests (laboratory, imaging, pathology) epidemiology	