Veterinary Medical Applications Certification

The Elanco Veterinary Medical Applications Certification verifies the competencies needed to achieve employability within the veterinary science field and is transferable to health and animal science fields.

Certification Exam

The certification exam, tested for on the iCEV platform, consists of 100 questions and assesses knowledge and skills from the following weighted industry standards:

20% Veterinary Terms & Terminology

15% Animal Welfare & Behavior

15% Anatomy & Physiology

50% Veterinary Medical Practices

Meeting the Industry Need

> Assesses Competencies Based on Weighted Industry-Valued & Industry-Accepted Standards

> Validates Knowledge & Skills

> Allows Employers to Identify & Connect with Skilled Candidates

> Jump-Starts Individuals' Careers

Industry Standards Breakdown

Veterinary Terms & Terminology

Laws & Ethics
Word Structure & Abbreviations
Medical Equipment Identification
Mathematical Applications

Animal Welfare & Behavior

Animal Roles in Society
Animal Rights & Animal Welfare
Animal Protection
Animal Research Laws, Policies & Regulations
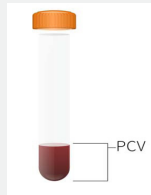Animal Behavior

Anatomy & Physiology

External Anatomy
Circulatory System
Respiratory System
Digestive System
Endocrine System
Immune System
Integumentary System
Nervous System
Skeletal System
Muscular System

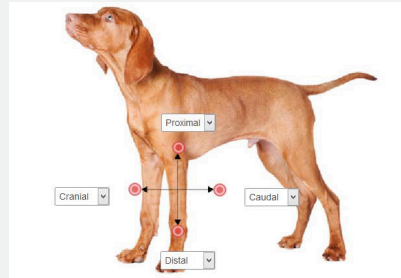### Veterinary Medical Practices

Animal Handling & Restraint
Vital Signs
Blood Samples
Injections
Clinical Examinations
Laboratory Procedures
Hospital Procedures
Surgical Procedures
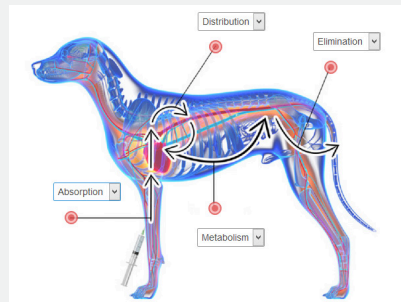Pharmacology

Example Assessment Questions

1. A cat's pulse was measured at 120 beats per minute. How many beats did the veterinarian count during the 15 second measuring interval?
   - (A) 20
   - (B) 30
   - (C) 40
   - (D) 50

2. The drug concentration of a medication is 250 milligrams per 10 milliliters. Based on the weight of the animal, the veterinarian determined he should receive a concentration of 225 milligrams. How many milliliters of medication should you give the animal?
   - (A) 8 mL
   - (B) 9 mL
   - (C) 10 mL
   - (D) 11.1 mL

3. The packed cell volume illustrated in the blood sample provided is an indication of which of the following conditions?
   - (A) Dehydration
   - (B) Diarrhea
   - (C) Anemia
   - (D) Polycythemia

4. Label the illustration with the appropriate directional terminology.

5. Label the pharmacokinetics, physiological movement of drugs within the body, steps.

Testing Platform

Elanco utilizes iCEV, a division of CEV Multimedia, as the testing platform for this certification.

iCEV fulfills the following responsibilities:

1. Provides secure testing technology for certification exams

2. Regulates testing environments

3. Works with secondary and post-secondary academic institutions, workforce development associations and the public at large to offer certification options for career advancement

4. Provides certification verification to employers for potential job applicants

5. Offers optional certification exam preparation materials

"Supporting an emerging workforce that is interested in raising awareness about global food security and celebrating the human-animal bond is why Elanco decided to get involved."

Larbi Van Lier
Senior Director, Head of Asia Pacific (APAC)
Elanco

About Elanco

Elanco is a global animal health company that develops products and knowledge services to prevent and treat disease in food, animals and pets in more than 90 countries. With a 64-year heritage, Elanco rigorously innovates to improve the health of animals and benefit customers, while fostering an inclusive, cause-driven culture for more than 5,800 employees. Elanco is driven by their vision of food and companionship enriching life - all to advance the health of animals, people and the planet.