

**AMERICAN COLLEGE OF VETERINARY PATHOLOGISTS  
2009 MICROSCOPIC PATHOLOGY EXAMINATION**

**INSTRUCTIONS:**

**Place your candidate number on each page and your slide set number on this cover page.** This examination consists of 20 cases: 18 1" x 3" glass slides and two photographic plates. This booklet consists of 21 pages; this cover page plus one page for each case. Be certain that the page on which you are writing corresponds to the slide or photographic plate that you are examining. Twenty (20) points are available for each case. For each case, a written response to one or more of the following items is required (the distribution of points assigned to these items is indicated parenthetically on each page):

**Morphologic (e.g., histopathologic, ultrastructural, cytologic) description.** This item represents the vast majority of available points and requires that lesions be accurately identified, named, and concisely and clearly described using appropriate anatomic and pathologic terms. Write each description legibly and in an organized manner, using acceptable English.

**Morphologic diagnosis.** This item requires a summary interpretation of the lesions in the context of the tissue affected, such that pathologic processes are named, thus providing an appropriate anatomic-pathologic diagnosis (e.g., "chronic interstitial pneumonia", "multifocal renal tubular necrosis", "malignant melanoma, metastatic to lymph node").

**Cause/Most likely cause.** This item requires that a specific cause or most likely cause for one or more of the lesions be identified. The cause may be evident in the tissue or be inferred by the type of lesions present (e.g., "*Blastomyces dermatitidis*", "X-linked dystrophin mutation" or "Vitamin C deficiency").

**Pathogenesis.** This item requires an ordered list of the pathophysiologic events and mechanisms that resulted in the lesions depicted (e.g., anal sac carcinoma → PTHrP secretion → hypercalcemia → nephrocalcinosis).

**Name the Disease (or Condition).** This item requires a summary interpretation of the lesions by giving the common pathological name of the entity (e.g., blackleg, intervertebral disc disease, calcinosis cutis, scurvy).

**Interpretation.** This item requires, as specifically as possible, any of the following that appear applicable to the case: diagnosis of disease or process, differential diagnosis, potential etiologies, additional diagnostic tests.

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19. \_\_\_\_\_

20. \_\_\_\_\_

Total \_\_\_\_\_

More than one morphologic diagnosis and/or cause may be appropriate for some cases.

**Do NOT write in the horizontal lines at the right or bottom margins of any page. These are reserved for grading.**