AZA Kea SSP Necropsy Guidelines

Tissue collection for all Kea
- Collect normal and abnormal tissue samples from all major organ systems
- Fix in 10% neutral buffered formalin (ratio) = 1:10
- Tissues can be saved or shipped in smaller volumes of formalin once adequately fixed
- Specific target tissue collection recommendations
  - Proventriculus
  - Ventriculus
  - Adrenal gland
  - Brain
  - Heart
  - Crop
  - Small intestine
  - Colon

Ancillary Diagnostics
- Save a set of specific target tissues (as noted above) frozen OR if your pathology service retains paraffin blocks, no formalin fixation is needed.

Contact Kea Veterinary Advisor to discuss submission of the reserved tissues listed above for histopathologic analysis of avian bornavirus (ABV) via PCR. See ABV section of Kea Care Manual for more information.

Please send a copy of the final necropsy report to:

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AZA Kea Veterinary Advisor
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KEA GROSS EXAMINATION WORKSHEET

PROSECTOR:

GENERAL CONDITION: (Nutritional condition, physical condition)

SKIN: (Including feet)

MUSCULOSKELETAL SYSTEM: (Bones, joints, muscles)

BODY CAVITIES: (Fat stores, abnormal fluids)

HEMOLYMPHATIC: (Spleen)

RESPIRATORY SYSTEM: (Nasal cavity, sinuses, larynx, trachea, syrinx, lungs, air sacs)

CARDIOVASCULAR SYSTEM: (Heart, pericardium, great vessels – open to look for presence of atherosclerosis or plaque build-up)

DIGESTIVE SYSTEM: (Oral cavity, crop, esophagus, proventriculus, ventriculus, intestines, liver, pancreas).

URINARY SYSTEM: (Kidneys, ureters)

REPRODUCTIVE SYSTEM: (Testis/ovary, vas deferens, oviduct)
ENDOCRINE SYSTEM: (Adrenals, thyroid, parathyroids, pituitary)

NERVOUS SYSTEM: (Brain, spinal cord, sciatic and peripheral nerves)

SENSORY ORGANS: (Eyes, ears)

PRELIMINARY DIAGNOSES:

LABORATORY STUDIES: (List bacterial and viral cultures submitted and results, if available)