

COMPUTED TOMOGRAPHY (CT)



Computed Tomography (CT) offers superior contrast resolution, anatomical detail and unobscured views of anatomical regions compared to conventional radiology.

Studies have shown that CT is superior in the evaluation of the extent of nasal disease, cribriform plate penetration and nasopharyngeal involvement compared to conventional radiography. If your patient has a case of chronic nasal discharge, seriously consider a nasal CT examination prior to invasive procedures to evaluate extent of the nasal disease process and guide biopsy procedures to obtain diagnostic samples.

Short of MRI, only CT can provide cross-sectional images of the brain to evaluate for space occupying lesions, breakdown of the blood brain barrier, ventriculomegaly or changes in the middle ear; to name a few. If you have a case with neurologic signs, you don't need to treat nonspecifically with steroids and anticonvulsants. Consider a brain CT examination to identify, prognosticate, possibly guide specific treatment and gain a better understanding of intracranial pathologic processes.

CT can also provide good cross sectional detail in regions that are difficult to image with plain or contrast radiology. Consider lower lumbar myelopathy, mediastinal mass, pulmonary infiltrate, obscure shoulder and elbow lameness or negative and/or confusing myelographic studies as candidates for future CT examination.

CT is now available locally at Associated Veterinary Specialists. We are located at 1000 Lyndon Lane in Louisville, Kentucky. Please call and speak with Dr. Brett Fundak, DVM, MS, DACVR if you have any questions about the advantage of a CT examination for your patients.