



RADIOLOGY:

Uses of Fluoroscopy

What is fluoroscopy?

Fluoroscopy is performed with a continuous x-ray beam which allows for continuous x-ray imaging of the body. Structures can be evaluated for normal or abnormal motion. Fluoroscopy is used in conjunction with survey radiographs to provide an imaging diagnosis.

Uses of fluoroscopy

Fluoroscopy is most often used for evaluation of the trachea and mainstem bronchii. If tracheal collapse is suspected based on physical examination and survey radiographs, fluoroscopy may be utilized to evaluate for dynamic tracheal collapse. This procedure is non-invasive and allows for imaging of the trachea during a cough.

Evaluation of esophageal disorders

Fluoroscopy may also be used for evaluation of esophageal disorders. Barium is fed to the pet to evaluate for diseases such as hypomotility, esophageal strictures, and foreign bodies. Survey radiographs are necessary prior to proceeding with this procedure. Because of the risk of barium aspiration into the lung, this procedure should not be performed in patients with a large fluid distended esophagus.

Referral instructions

These procedures can be performed and interpreted at Michigan Veterinary Specialists by our board-certified radiologist. If you wish to refer a patient, please call to make an appointment. If an evaluation by an internist is needed, an appointment should be made through the internal medicine service. Recent radiographs should be sent with the owner so that the most complete evaluation can be made.

Expert: Michelle Rose, BS, DVM, MS Diplomate ACVR Board Certified in Radiology

Dr. Rose completed her veterinary degree at the University of Tennessee, her internship at Michigan Veterinary Specialists, and her residency at The Ohio State University. She is able to provide the advanced imaging studies using ultrasonography, CT, MRI, and fluoroscopy your patient may need.

Questions?

Dr. Rose, Chief Radiologist, provides imaging services at both of our locations on a full-time basis. She is available for consultations and image interpretations and is part of the team of MVS specialists providing support to our Emergency Service 24/7. Please call Dr. Rose or Natalie Scherer at 248-354-6660 for additional information.

LOCATIONS

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