



Standard Operating Procedures



220 Mount Laurel Road
Mount Laurel, NJ 08054
p: 856-234-7626
f: 856-231-8393

Name of Policy:	Radiology – Imaging Teleradiology Services	Departments:	All
Category & No.:	MISC 10.3	Effective by:	November 18, 2024
Version No.:	3	Revision History:	November 14, 2024

Purpose: Outline the process for submitting STAT radiographs to imaging during the hours of 5pm to 7am Monday through Friday and 5pm Saturday to 7am Monday morning. This service will be utilized in place of Antech Imaging Services when radiographs require immediate interpretation during those hours. Non-stat radiographs should be submitted to the MLAH Radiology Department.

Keystone Asteris Website: <https://keystone.asteris.com/#/community>

Username: mlahvet

PW: \$Mlah2022

Email associated with account: radiology@mlahvet.com

Procedure:

1. Create diagnostic request in ezyVet.
2. Obtain Radiographs.
3. If the radiographs do not appear on the Keystone Asteris website, at the acquisition station, use the DICOM selection list, select Keystone.
4. Login to <https://keystone.asteris.com/#/community>
5. Select your patient's radiographs located under the Image Uploads menu heading and click Send Images then Next. (If the radiographs do not appear on the Keystone Asteris website, return to the acquisition station, and using the DICOM send selection list, select Keystone).
6. Select Priority "STAT" and Billing Code "After Hours"
7. Confirm "Referred By" and "Patient" information.
8. Complete the Background fields for History, Region, and Reason for Imaging
9. A staff member must call 817-524-8615 and leave a voicemail with the hospital name and patient name. This will alert the radiologist of the submission.
10. Notification/Reports will be sent to radiology@mlahvet.com
11. The doctor/tech will monitor the Keystone-Asteris dashboard for the finalized radiology report to copy and paste into the medical record.
12. The radiology team will be responsible for linking the report into ezyVet and will copy/paste results into the Imaging tab of the clinical record, using the type "Telerad Report". **reports can also be forwarded to vetmedmgmt@labs.ezyvet.com using the DR number in the subject field which will automatically attach the results to the Diagnostic Request/Result**



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Name of Policy:	Overnight Radiograph Interpretation	Departments:	ER, ICU, Radiology
Category & No.:		Effective by:	November 2024
Version No.:		Revision History:	

Purpose: To outline the procedure for ER clinicians who are requesting interpretation of radiographs that are obtained when the MLAH Radiology Department is not available. To ensure consistent, accurate, and efficient review and diagnostic of radiographic images to enhance patient care.

Prerequisite(s): **ER doctors:** ability to review radiographic images for quality control and preliminary interpretation, and submit for interpretation; **ER technicians:** ability to obtain diagnostic quality radiographs, prepare images for review, and submit for interpretation

Background Information: In-house radiograph interpretation enhances patient care because it provides consistent and accurate results, allows for discussion between the attending veterinarian and the radiologist, and results in a cost-savings for the client; therefore, in-house radiograph interpretation (versus STAT teleradiology review) is encouraged unless the patient's medical status dictates that a STAT review is necessary. ER doctors are expected to review radiographs for their patients and determine which review is appropriate.

Procedure:

1. Initial interpretation: Clinician confirms appropriate technique/positioning prior to interpreting the study.

- If the patient is stable, diagnosis/differential diagnoses/therapeutic plan can be prepared based on the interpretation, and/or specialist interpretation would not change the course of treatment for that night, submit for in-house interpretation
 - i. Inform client that a final interpretation will be performed within 24 hours and they will be informed if the final interpretation provides different information and/or different clinical recommendations.
 - ii. Submit a Diagnostic/Consult request for Radiologist MLAH interpretation (change the Vet to SFC or SAB depending on who is working the next day)
 - iii. Examples of cases include, but are not limited to: stable fractures, cardiomegaly without evidence of decompensation, evidence of inflammatory lower airway disease, and gastroenteritis without evidence of mechanical obstruction.
- If the patient is unstable, diagnosis/differential diagnoses/therapeutic plan cannot be prepared based on the interpretation, and/or specialist interpretation could potentially change the course of treatment
 - i. Submit the study for interpretation through the teleradiology service

2. Radiologist interpretation and Follow Up:

- i. In house radiograph interpretations submitted Monday-Friday will be completed the next day.

- ii. Radiographs obtained from 5pm Saturday to 6am Monday will be completed on Tuesday; therefore, utilizing teleradiology for all radiograph interpretation is recommended during that time.
- iii. If the Radiologist's findings/conclusions are different from the initial interpretation and would change the course of treatment (necessary surgical intervention, hospitalization, significant change in prognosis, change in medical therapy, etc.), then the Radiologist will email the submitting ER doctor.
- iv. The ER doctor is responsible for ensuring that Radiologist's findings and their updated medical recommendations are communicated to the client in accordance with the level of urgency of the case.
- v. If the owner must be notified on an emergent basis, the Radiologist will also contact a PCA and an ER doctor on shift so that the client is notified as quickly as possible.

References: None