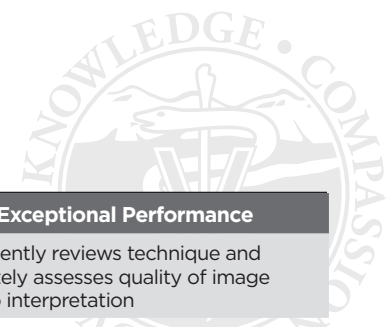# UTCVM ASSESSMENT RUBRIC
DIAGNOSTIC IMAGING COMPETENCY FORM

	Unacceptable Performance	Satisfactory Performance	Good Performance	Exceptional Performance
1. Assessment of image quality	Often does not review image quality prior to interpretation or fails to identify problems with radiographic technique	Usually reviews technique and can assess most issues of image quality	Usually reviews technique and accurately assesses quality of image prior to interpretation	Consistently reviews technique and accurately assesses quality of image prior to interpretation
2. Complete & systematic evaluation	Evaluation of image is poor, incomplete and with major omissions	Evaluation of image is acceptable, but not always methodical or with some minor omissions	Evaluation of image is complete, with only minor omissions	Evaluation of image is thorough and accurate, following accepted methodical process
3. Ability to recognize roentgen abnormalities	Is often unable to identify and list roentgen signs and abnormalities	Can list some, but not all roentgen signs and abnormalities or has minor difficulty in descriptions of roentgen signs	Typically can list most observed roentgen signs and abnormalities	Can consistently list observed roentgen signs and abnormalities
4. Ability to generate differential diagnoses	Often unable to generate a list of relevant differential diagnoses for radiographic findings	Identifies major differential diagnoses, but lists are incomplete or disorganized	Usually identifies most likely differential diagnoses for radiographic lesions or patterns	Consistently identifies and ranks relevant differential diagnoses for radiographic lesions or patterns
5. Clinical integration skills: pathophysiology	Is often unable to describe relevant pathophysiology	Using clinical and radiographic findings, describes basic concepts of pathophysiology of disease process with minor omissions	Using clinical and radiographic findings, describes most components of pathophysiology of disease process	Using clinical and radiographic findings, consistently describes detailed pathophysiology of disease process
6. Clinical integration skills: case management/ prognosis	Fails to integrate clinical information or cannot discuss probable case management/prognosis	Describes major implications of radiographic findings but sometimes incomplete, lacks detail or accuracy	Usually describes impact of radiographic findings on case management and prognosis	Consistently and accurately describes impact of radiographic findings on case management and prognosis
7. CASE EVALUATION: Complete & systematic approach to reading images	Often fails to systematically review image while reading	Approach to reading is systematic with minor omissions or lapses in organization	Approach to reading is typically systematic and organized	Approaches reading with a thorough and methodical approach
8. CASE EVALUATION: Integration of clinical knowledge	Is unable to integrate clinical information when interpreting images and demonstrable clinical knowledge base is inadequate to adequately apply imaging results to clinical practice	Integrates relevant clinical information, with minor omissions, and demonstrates knowledge of basic relevant clinical principles	Integrates most relevant clinical information in interpreting images and demonstrates good relevant knowledge base	Thoroughly integrates all clinical information in interpreting images and demonstrates exceptional relevant knowledge base
9. Preliminary exam (radiation physics/ anatomy/safety)	Performance demonstrates major gaps in knowledge and inadequate preparation for rotation	Performance demonstrates adequate starting knowledge base for rotation but some concepts need to be reviewed	Very good knowledge base and preparation with minor, correctable gaps	Exceptional knowledge base and preparation for rotation
10. Final exam (ability to identify roentgen abnormalities)	Is often unable to identify and list roentgen signs and abnormalities	Lists some, but not all roentgen signs and abnormalities or has minor difficulty in descriptions of roentgen signs	Typically can list most observed roentgen signs and abnormalities	Consistently lists observed roentgen signs and abnormalities
11. Final exam (ability to generate appropriate differential diagnoses)	Often unable to generate a list of relevant differential diagnoses for radiographic findings	Identifies major differential diagnoses for common radiographic lesions or patterns, but lists are sometimes incomplete or disorganized	Identifies most likely differential diagnoses for most radiographic lesions or patterns	Consistently identifies relevant differential diagnoses for radiographic lesions or patterns

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	Unacceptable Performance	Satisfactory Performance	Good Performance	Exceptional Performance
12. TECH: Image quality	Often does not produce images of usable quality	Usually produces images of acceptable, but not good quality	Typically produces images of good quality	Consistently produces high quality images
13. TECH: Ability to correct image problems	Is unable to recognize image problems and unable to determine appropriate adjustments to correct	Usually recognizes most common image problems and makes adjustments to correct but may need assistance	Usually recognizes image problems and makes adjustments to correct	Always recognizes image problems and makes appropriate adjustments to correct
14. TECH: Application of radiographic anatomy	Often fails to identify appropriate anatomic landmarks and fails to position animal appropriately for imaging procedures	With assistance or repetition, identifies appropriate anatomic landmarks and positions animal appropriately for imaging procedures	Usually identifies appropriate anatomic landmarks and positions animal appropriately for imaging procedures	Consistently identifies appropriate anatomic landmarks and positions animal appropriately for imaging procedures
15. TECH: Adherence to radiation safety protocols*	Does not consistently wear appropriate safety gear or radiation safety badge, or fails to follow appropriate protocols, placing self or others at risk	Usually wears appropriate protective gear and radiation safety badge and follows appropriate protocols, with minor, rare lapses	Wears appropriate protective gear and radiation safety badge and follows appropriate protocols	Always wears appropriate protective gear and radiation safety badge, follows appropriate protocols and recognizes/prevents safety issues
16. TECH: Animal welfare & patient care	Unacceptable concern with patient care; fails to provide basic patient comfort or respond to patient needs or changes in status	Provides basic care for acceptable patient comfort but may not respond to changing needs or status	Conscientious level of concern with patient comfort; responds to patient needs or changes in status	Exceptional level of concern with patient comfort; provides extra attention to patient needs or changes in patient status
17. Communication with medical personnel	Typically does not communicate or interact well with other professionals. Grievances often occur in team interactions.	Sometimes has difficulty giving and eliciting accurate, thorough, timely information or communicating respectfully with others.	Usually communicates well with other professionals, giving and eliciting accurate, thorough timely information.	Consistently communicates with other professionals-providing accurate, thorough, timely information in a respectful manner.
18. Rounds (includes daily rounds, grand rounds, & seminars)	Rarely participates; case presentations lack major components or organization; does not respond effectively to questions or engage in discussion	Participates when addressed; Provides adequate presentations but presentations need improvement in organization or delivery	Participates regularly; respectfully engages in group discussion; provides organized, and complete presentations with minor omissions, responds well to questions	Participates regularly; respectfully engages in group discussion; provides organized, complete and concise presentations; responds effectively to questions
19. Interest & participation as reader	Is disengaged in case discussions or displays little or no initiative in learning	Often is engaged in case discussions, with some lapses; when prompted, displays adequate initiative in learning	Is typically engaged in case discussions and displays good initiative in learning	Is consistently engaged in case discussions and shows exceptional initiative in learning
20. TECH: Overall contribution to medical team & participation	Does not assist others on rotation or in keeping clinical areas orderly; is often late and unengaged in rotation	If prompted, assists others on rotation and contributes to keeping clinical areas orderly; sometimes not on time or engaged in rotation	Usually assists others on rotation; usually keeps clinical areas orderly; usually on time and engaged in rotation	Always assists others on rotation; takes initiative to keep clinical areas orderly; always on time and engaged in rotation
21. Overall professionalism*	Does not display appropriate professionalism; is unenthusiastic about learning and participation; demonstrates gaps in professional behavior identified based on UTCVM guidelines (must comment)	Demonstrates acceptable levels of maturity, preparedness and dependability; geqnerally interacts respectfully with others or has minor areas for improvement in professional behavior	Demonstrates good level of maturity, is usually prepared & dependable, interacts respectfully with clinicians, staff, classmates & clients; appears eager to learn and participate	Demonstrates high level of maturity, is always prepared & dependable, interacts respectfully with clinician, staff, classmates & clients; appears eager to learn and participate
Grade calculation	Anatomy quiz (10%)	Bone single case (5%)	Bone diagnoses (10%)	Thorax single case (5%)
	Thorax diagnoses (10%)	Abdomen single cases (5%)	Abdomen diagnoses (10%)	
	Final exam (25%)	Technical grade (10%)	Professionalism (10%)	Final numeric assessment: _____

* Unacceptable performance in this category results in a failure of the rotation.