CLINICAL MICROSCOPY SPECIMEN HANDLING/COULTER PRINCIPLE CREDENTIALING LOG

OBJECTIVE	MODE OF ASSESSMENT	CLINICAL CORRELATION
The Resident must be able to understand the Coulter principle and how each of the parameters is derived, computed or measured. He/she must be able to identify subunits and reagent performance characteristics, common interfering substances and the appropriate action taken that result in accurate test performance and avoid erroneous reporting.	The resident will be given a set of histograms/scatterplots. Each of the histograms/scatterplots will be evaluated for the following: 1. identify whether the test results are valid 2. describe possible causes for the results obtained on the printout 3. explain what action should be taken to achieve correct result reporting	The Resident will review instrument histograms/scatterplots pulled according to the "Criteria for Histogram Review" CM-HE 1.4 procedure with the designated pathologist. Those patients requiring follow-up will have a written report generated on request from the attending physician.

	DATE	INITIAL RESIDENT/STAFF
Coulter Book of Knowledge :		
Part II Chapter 1		
Part III Chapter 1-VII		
Performed Assessment		
Read and discussed "Criteria for Histogram Review" procedure		

After completing the above, the resident must perform a minimum of ten (10) days of histogram/scatterplot review as documented below:

	DATE	INIT	COMMENTS
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

CLINICAL MICROSCOPY ESOTERIC TESTING CREDENTIALING LOG

OBJECTIVE	MODE OF ASSESSMENT	CLINICAL CORRELATION
The Resident must demonstrate understanding of the specimen requirements, test methods, calculations (if needed) and factors which may affect testing in order to yield accurate test results. Reference books and procedure manuals are available.	The Resident must demonstrate sufficient knowledge by successful completion of the exam given and evaluation by the Medical Director or designee.	The Resident must demonstrate a sufficient knowledge base by completing and presenting comprehensive "Clinical Event Report" (s).

	DATE	INITIAL RESIDENT/STAFF
Read and discussed related procedures		
Performed Assessment		

After completing the above, the resident must perform a minimum of five (5) "Clinical Events Report"(s) as documented below:

	DATE	INIT	COMMENTS
1			

2			
3			
4			
5			

CLINICAL MICROSCOPY COAGULATION CREDENTIALING LOG

OBJECTIVE	MODE OF ASSESSMENT	CLINICAL CORRELATION
The Resident must demonstrate understanding of the specimen requirements, specimen handling, test methods, both clinical and analytical factors which may affect testing in order to yield meaningful and accurate test results.	The Resident must demonstrate a sufficient knowledge base by participating in the decision support initiatives in the Coagulation area. 1. Hyper-coagulable Work-ups 2. Patient History – Bleeding Times 3. As required by procedure	The Resident must complete Hyper-coagulable Work-up Requests; review patient history forms, consult as procedurally required, provide timely follow-up in order to provide optimal patient care.

	DATE	INITIAL RESIDENT/STAFF
Read and discussed related procedures		
Performed Assessment		

After completing the above, the resident must perform a minimum of five (5) Hyper-Coagulable Request forms and review a minimun of five (5) patient History Forms as documented below:

	DATE	INIT	COMMENTS

	Hyper – Coagulable Request		
1			
2			
3			
4			
5			
	Patient History		
1			
2			
3			
4			
5			

CLINICAL MICROSCOPY BODY FLUID CREDENTIALING LOG

OBJECTIVE	MODE OF ASSESSMENT	CLINICAL CORRELATION
The Resident must demonstrate understanding of various fluid types/source and the handling requirements necessary for accurate test results to include crystal analysis and various counting methods.	A set of smears from various fluid types will be made available; the Resident must evaluate the smears for normality. Evaluation will be of written natures and will include review with the Medical Director or designee.	Body Fluid Review – Upon completion of a body fluid review by a technologist as outlined in the Clinical Microscopy Procedure Manual, the smears will first be reviewed by the resident assigned prior to submission to the pathologist for result reporting.

	DATE	INITIAL RESIDENT/STAFF
Read and discussed related procedures		
Performed Assessment – Slide Set		

After completing the above, the resident must perform a minimum of ten (10) Body Fluid

Review(s) as documented below:

	DATE	INIT	COMMENTS
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

CLINICAL MICROSCOPY SEMEN ANALYSIS CREDENTIALING LOG

OBJECTIVE	MODE OF ASSESSMENT	CLINICAL CORRELATION
The Resident must demonstrate understanding of Semen Analysis; including specimen handling and routine evaluation for fertility and post-vasectomy examination.	The Resident must evaluate prepared smears for morphologic evaluation. Results will be reviewed prior to result reporting by trained personnel.	The Resident must demonstrate sufficient knowledge by successful smear evaluation and review.

	DATE	INITIAL RESIDENT/STAFF
Read and discussed related procedures		
Semen Analysis Tutorial		
Review of Reference/Atlas		

After completing the above, the resident must perform a minimum of ten (10) Semen Analysis Morphologic Evaluations as documented below:

	DATE	INIT	COMMENTS
1			
2			

3			
4			
5			
6			
7			
8			
9			
10			

CLINICAL MICROSCOPY BLOOD SMEAR INTERPRETATION CREDENTIALING LOG

OBJECTIVE	MODE OF ASSESSMENT	CLINICAL CORRELATION
1. Prepare blood smears for interpretation: *A blood smear should have a feathered edge, free of scratches, resulting in a blood film with an area of cell distribution without distortion*. 2. Identify components of Wright's Stain in regard to its polychromatic staining properties. 3. Perform smear <Review> by providing appropriate clinical information to the physician.	Using a set of test slides, the resident will evaluate and assess unknowns. The assessment will ensure that the resident is familiar with both clinical and artifact manifestations that occur; identification of which is critical to proper blood smear interpretation.	Smear <Review>: Upon the completion of a smear review by a technologist as outlined in the Clinical Microscopy Procedure Manual; the technologist will order a smear <Review>. The smear review is to be performed by the resident assigned prior to its submission to the Pathologist for result verification.

	DATE	INITIAL RESIDENT/STAFF
Prepare peripheral smear as described		
Performed Assessment		
Read and discussed "Criteria for Review.." procedure		

After completing the above, the resident must perform a minimum of twenty (20) smear <REVIEW> (s) and documented below:

	DATE	ACCESSION NUMBER	INIT		DATE	ACCESSION NUMBER	INIT
1				11			
2				12			
3				13			
4				14			
5				15			
6				16			
7				17			
8				18			
9				19			
10				20			