

CERTIFICATION OF PROCEDURE SKILLS AND BLS /ACLS

This policy is designed to:

- a. Define the number of type of specific procedures that a resident must complete during his/her residency.
- b. Ensure that only those residents who have been certified are permitted to perform the procedure independently.
- c. Ensure documentation of clinical competency in performing the procedures.
- d. Ensure proper certification of CPR and ACLS.

1. Until certification is documented and competency attained, the resident must perform the following procedures **under direct supervision**, i.e., there must be an attending, fellow, or previously certified resident present when the resident does the procedure. The person supervising the procedure must document the procedure and your competency in your procedure logbook.

2. To perform these procedures independently, the resident must complete the prerequisite number under supervision of a certified individual. Procedures indicated with an asterisk (*) in **bold** are required by the ABIM for internal medicine certification. The resident must be able to perform these 4 procedures safely and competently.

ACLS certification / BLS *	Every 2 years
Abdominal paracentesis	3
Arterial line placement	3
Arterial puncture for ABG *	3
Arthrocentesis (knee)	3
Central line placement	
Femoral, internal jugular, subclavian	3 each
Lumbar puncture	3
NG tube placement	3
Pap smear and endocervical culture *	3
Thoracentesis	3
Venous blood drawing *	3
Venous peripheral line insertion *	3

3. Residents must know, understand and explain all of the above procedures in addition to Incision and drainage of an abscess and Pulmonary artery catheter placement. They are not required to achieve certification in these 2 procedures. For all procedures listed on page 2, the resident must

- a. List the indications and contraindications
- b. Recognize and manage complications
- c. Institute appropriate pain management before and after the procedure as needed
- d. Use sterile techniques
- e. Handle the specimen appropriately
- f. Interpret results appropriately
- g. Have knowledge and obtain informed consent

4. Residents are **not permitted** to insert Swan-Ganz catheters independently and will not be certified for this procedure. Residents must be supervised by an upper level fellow (i.e., not 1st year fellow) or an attending at all times.

5. Documentation of Competency

- a. Resident must keep his/her procedure log on the E-value system up to date.
- b. Review of the procedure record will be conducted semi-annually with each resident.

6. Residents will be certified in BLS and ACLS during orientation or sooner for a period of two years. Recertification is required every two years. If ACLS certification is not current, a resident is not allowed to be the lead physician in a code (i.e. cannot run a code)

	Know, Understand, and Explain				Perform Safely and Competently
	Indications; Contraindications; Recognition & Management of Complications; Pain Management; Sterile Techniques	Specimen Handling	Interpretation of Results	Requirements & Knowledge to Obtain Informed Consent	
Abdominal paracentesis	X	X	X	X	
Advanced cardiac life support	X	N/A	N/A	N/A	X
Arterial line placement	X	N/A	X	X	
Arthrocentesis	X	X	X	X	
Central venous line placement	X	N/A	N/A	X	
Drawing venous blood	X	X	X	N/A	X
Drawing arterial blood	X	X	X	X	X
Incision and drainage of an abscess	X	X	X	X	
Lumbar puncture	X	X	X	X	
Nasogastric intubation	X	X	X	X	
Pap smear and endocervical culture	X	X	X	X	X
Placing a peripheral venous line	X	N/A	N/A	N/A	X
Pulmonary artery catheter placement	X	N/A	X	X	
Thoracentesis	X	X	X	X	