

RADIOLOGY EQUIPMENT ASSESSMENT

Student: _____ Clinical Affiliate: _____ Date: _____ Evaluator: _____

Objective: to determine the student's competency level when operating radiographic equipment.**EVALUATOR:** Please CHECK the appropriate box that corresponds to the student's performance.

Yes	No	N/A	1. Raise and lower the x-ray tube by using the vertical lock.
Yes	No	N/A	2. Move the x-ray tube the length of the table by using the longitudinal lock.
Yes	No	N/A	3. Move the x-ray tube the width of the table by using the transverse lock.
Yes	No	N/A	4. Place a cassette in the Bucky tray lengthwise and then crosswise.
Yes	No	N/A	5. Center the x-ray tube when it is perpendicular to the Bucky tray at 40 inches.
Yes	No	N/A	6. Use the DETENT button and lock the tube to center it transversely.
Yes	No	N/A	7. Angle the tube cephalad 30 degrees then angle caudal 10 degrees.
Yes	No	N/A	8. Center the angled tube to the Bucky tray.
Yes	No	N/A	9. Demonstrate how to move the Bucky tray the length of the table and lock it into position.
Yes	No	N/A	10. Demonstrate how to rotate the tube head and maintain proper centering to a tabletop film at a 40 inch distance.
Yes	No	N/A	11. Set distance to the upright Bucky at 40 inches and 72 inches.
Yes	No	N/A	12. Place a cassette in the upright Bucky tray lengthwise and then crosswise.
Yes	No	N/A	13. Center the x-ray tube when it is perpendicular to the upright Bucky tray.
Yes	No	N/A	14. Angle the horizontal tube cephalad 15 degrees then angle caudal 10 degrees to the upright Bucky.
Yes	No	N/A	15. Demonstrate how to collimate to the appropriate field size.
Yes	No	N/A	16. Demonstrate how to angle to the table (Trendelenburg) by using the table controls as well as the tower controls.
Yes	No	N/A	17. Place the table in the upright position.
Yes	No	N/A	18. Manipulate the tube to place it in the horizontal position for decubitus exposures.
Yes	No	N/A	19. Identify the generator controls (on/off, mA, kVp, Seconds/time, and phototimer, with its cells and density settings.)
Yes	No	N/A	20. Manipulate the rotor and exposure switch button.