

MANTLE SIMULATION

Policy:

To provide clinical guidelines for simulating specific areas of the body so that simulator technologist or therapists have a complete understanding of the clinical responsibilities and departments clinical expectations.

Procedure:

1. Isocentric Technique
 - a. Index the S-frame to the CT table.
 - b. Position the patient supine on the tabletop. Select the appropriate headrest (“D” or “E”) so that patient’s mandible is perpendicular to the table.
 - c. Have the patient’s elbows flexed with hands resting on hips.
 - d. Use aquaplast that covers the patient’s shoulders.
 - e. Have the radiation oncologist verify the area of interest before beginning the scan. Scan the patient and mark the patient’s mask after the physician has determined the isocenter. The treatment area will be large, so be sure to scan a large area of interest, usually from brain to below the diaphragm.
 - f. Have the radiation oncologist verify the area of interest.
 - g. After scanning patient, transfer CT images to the Pinnacle workstation.
 - h. Have the radiation oncologist approve the scan and set isocenter. Print out worksheet with parameters.
 - i. Save the isocenter and mark the patient’s aquaplast mask and/or skin. Tattoo or mark skin.
 - j. Record all set-up information on the treatment chart.

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Reviewed:

