

MIL-*, DORIS F**

SSN: 000-01-1406

DOB: 4/26/1933

MRN: E002035313

Date Registered: 8/13/2013

Treating Physician: THOMPSON, J SPENCER

Requesting Physician: MANNEL, ROBERT

Primary ICD9: 182.0 - Malignant Neoplasm - Carcinoma
Endometrium - Myometrium

Secondary ICD9:

Simulation - CT - 8/13/2013**Summary of Simulation**

CT SIMULATION SUMMARY : A multi-slice high resolution CT scan was done today for the purpose of localization of the target volume. This CT simulation was the initial set-up of the patient prior to treatment. This simulation is considered medically necessary.

PLANNED START DATE : 8/26/2013

Technical Factors

PURPOSE OF SIMULATION : This is the initial simulation on this patient.

AREA TO SCAN : Pelvis

NUMBER OF AREAS OR FIELDS : One area was simulated today.

BLOCKING CT : Multileaf collimation will be utilized to design the configuration of the treatment blocks.

NUMBER OF PORTS : 4 or more ports.

IMMOBILIZATION : To assure immobility of the body during therapy, a vac-lock was fabricated.

PATIENT POSITION : Supine

CONTRAST MEDIA : Non-Ionic IV Contrast was used as a contrast material, utilized to develop the appropriate visualization of normal and abnormal structures.

CT SLICES USED : >150 slices were necessary to adequately visualize the area covered in today's CT simulation.

EQUIPMENT USED : The departmental dedicated CT unit was utilized for today's simulation.

DOSE RATE PLANNED : 180cGy

TREATMENT ENERGY : 6MV

DOSE PER FRACTION : 180

NUMBER OF FRACTIONS : 25

FRACTIONS PER WEEK : 5

Setup

IV CONTRAST : 100cc IsoVue 370.

Medical Necessity

TUMOR VOLUME GEOMETRY : The geometry of the tumor volume is highly irregular requiring precise portal definition for adequate coverage.

TUMOR PROXIMITY TO CRITICAL STRUCTURES : The setup process requires a great deal of precision and care because the tumor volume is close to a nearby critical structure.

TUMOR VISUALIZATION : The CT scan offers good visualization of the tumor volume.

AREAS TO BE PROTECTED : Today's simulation was designed to cover the tumor volume and to protect: Bladder, Hip Joint(s) and Rectum.

BEAM'S EYE VIEW REQUIRED : The tumor volume and adjacent normal structures could be visualized only by the utilization of a beams-eye view.

PREVIOUSLY IRRADIATED AREA : The patient has had no previous radiation therapy.

GENERAL MEDICAL NECESSITY : Simulation was performed today to establish the treatment portals to the known area

of tumor volume while allowing protection of any adjacent normal structures. Simulation is medically necessary prior to the beginning of a course of radiation therapy and is necessary prior to any field or portal changes.

Documentation

FILMS AVAILABLE : Electronic image storage is utilized to archive today's simulation.

IMPRESSION : Today simulation was completed successfully. The ports were established without difficulty.

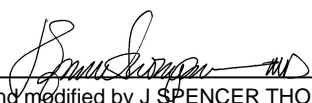
RECOMMENDATION : Utilize the parameters of the simulation as it was established today.

Signature : 
Electronically signed by J SPENCER THOMPSON, MD on 8/14/2013 at 7:15

This clinical service was performed in conjunction with the Radiation Oncology resident. I reviewed the resident's note, and I agree with the assessment and plan.

Save History

Signature : _____
Reviewed and modified by ROBERTO SABATER, MD on
8/13/2013 at 5:54 PM

Signature : 
Reviewed and modified by J SPENCER THOMPSON, MD
on
8/14/2013 at 7:15 AM