



XR POST PROCEDURE CHEST

PROCEDURE: Image-guided heat-based ablation and post procedure radiographs

Procedural Personnel

Attending physician(s): JUAN CAMACHO VASQUEZ; DaeHee Kim

Fellow physician(s): Peter Smith

Resident physician(s): None

Advanced practice provider(s): None

Pre-procedure diagnosis: Colorectal cancer

Post-procedure diagnosis: Same

Indication: Tumor destruction (malignant)

Additional clinical history: 52-year-old man with a history of colorectal cancer with lung metastatic disease, presenting for lung tumor ablation.

Complications: No immediate complications.

IMPRESSION:

Percutaneous microwave ablation of a left lower lobe lung metastatic lesion.

Plan:

Follow up in interventional radiology clinic. Plan for subsequent ablation treatment of right lung lesions.

PROCEDURE SUMMARY:

- Target organ: Lung
- Image-guided biopsy of target lesion (QCDR): Not performed
- Image-guided heat-based ablation
- Additional procedure(s): None

PROCEDURE DETAILS:

Pre-procedure

Reference imaging for ablation target(s): PET/CT scan 10/21/2019 series 2 image 86

Consent: Informed consent for the procedure including risks, benefits and alternatives was obtained and time-out was performed prior to the procedure.

Preparation: The site was prepared and draped using maximal sterile barrier technique including cutaneous antisepsis.

Anesthesia/sedation

Level of anesthesia/sedation: General anesthesia

Anesthesia/sedation administered by: Anesthesiology

Total intra-service sedation time (minutes): Please see anesthesia documentation

Imaging prior to intervention

The patient was positioned right lateral decubitus. Initial imaging was performed.

Target #1:

- Maximal diameter (cm): 2.0
- Location: Left lower lobe

Heat-based ablation

Under CT guidance, the ablation applicator(s) were advanced and positioned within the target(s). For each target lesion the applicators were placed and repositioned as necessary to achieve the desired ablation zone. A pneumothorax was induced with a pigtail Yueh catheter to protect the body wall.

Ablation applicator: Neuwave PR-15

Target#1

- Therapeutic intent (QCDR): Palliative

Ablation position 1

- Number of applicators: 2

Applicator 1 (posterior)
- Duration (minutes): 3
- Maximum energy applied (watts): 65
Applicator 1 (Anterior)
- Duration (minutes): 5
- Maximum energy applied (watts): 65

Applicator removal
The ablation applicator(s) were removed and sterile bandages were applied.
Tract cauterization performed with applicator removal: No

Imaging following ablation
Post-ablation imaging: Noncontrast CT
Post-ablation imaging findings: The lesion is within the ablation zone.
There is an adjacent effusion seen. Minimal residual pneumothorax.

Contrast
Contrast agent:
Contrast volume (mL):

Radiation Dose
CT dose length product (mGy-cm): 2549.99

Post procedure radiographs
Number of radiographs: 2
Radiograph findings: Small pneumothorax, unchanged during the two hour interval x-ray.

Additional Details
Additional description of procedure: None
Equipment details: None
Specimens removed: None
Estimated blood loss (mL): Less than 10
Standardized report: SIR_HeatBasedAblation_v2

Attestation
Signer name: JUAN CAMACHO VASQUEZ
I attest that I was present for the entire procedure. I reviewed the stored images and agree with the report as written.

FINAL REPORT

Dictated By: PETER SMITH , MD
Staff Radiologist: JUAN CAMACHO VASQUEZ, MD

I attest that the above IMPRESSION is based upon my personal examination of the entire imaging study and that I have reviewed and approved this report.

The following terms are used in MSKCC Radiology reports
(except those of breast imaging studies)
to convey the radiologist's level of certainty for a given interpretation.

Consistent with	> 90%
Suspicious for/Probable/Probably	approx 75%
Possible/Possibly	approx 50%
Less likely	approx 25%
Unlikely	< 10%

Electronically Signed By: JUAN CAMACHO VASQUEZ , MD (Jan 9 2020 4:46:13:180PM)

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