

Treatment 2025 Quiz Answers

Electron Therapy Quiz

1. Does radiation therapy distinguish between cancerous and healthy tissue?
 - a. It depends on the treatment modality used,
 - b. It depends on the irradiated volume (PTV),
 - c. No,**
 - d. Yes.

2. Which of the following electron energies will result in more dose deposition to the skin?
 - a. 6 MeV
 - b. 9 MeV
 - c. 12 MeV
 - d. 15 MeV**

3. What treatment planning technique should we use for an electron boost to the breast tumor bed when an electron cut-out is used?
 - a. 01-External beam, NOS,
 - b. 03-2D-therapy,
 - c. 04-3D conformal,**
 - d. 88-Not applicable

4. Most of the genetic damage caused by ionizing radiation is through the
 - a. Direct effect,
 - b. Indirect effect.**

5. When bolus is used during an electron boost to the breast tumor bed (bolus on/bolus off), should each be coded as a separate phase?
 - a. Yes
 - b. No**

Pop Quizzes

Pop Quiz 1

3/1/24: Patient presents with a 3cm clinical T2N0M0 breast primary.

3/17/24: The patient begins neoadjuvant chemotherapy and immunotherapy.

- 4/29/24: *The breast mass is no longer palpable*
- 5/27/24: *The breast mass becomes palpable again.*

6/21/24: The patient has breast surgery.

1. Is the breast surgery first course treatment?

- a. Yes**
- b. No

4/17/24: Patient is diagnosed with renal cell carcinoma. Bone, brain, and distant node metastasis are present at the time of diagnosis.

The patient is started on chemotherapy (surgical resection of the primary site is not recommended)

12/19/24: The patient responded well to the systemic treatment.

The patient requested surgery.

The physician explained surgery was unlikely to show a survival benefit, but consented to do a total nephrectomy.

1/12/25: Nephrectomy

2. Is the kidney surgery first course treatment?

- a. Yes
- b. No**

Pop Quiz 2

Patient was found to have a mass in her breast. A core biopsy of the tumor was performed on 1/29/25.

- Pathology was positive for fibroadenoma.

On 2/24/25 the patient had an excisional biopsy of the of the tumor.

- Pathology showed an adenoma with an area of carcinoma in situ.

1. What is Dx Staging procedure?

- a. **00 No surgical dx staging procedure done**
- b. 01 biopsy other than primary site
- c. 02 biopsy of primary site
- d. None of the above

CT shows a tumor in the lung and the in the liver. The patient had a core biopsy of both. Both were positive for carcinoma. Physician stated the patient most likely had a lung primary with liver mets.

2. What is Dx Staging procedure?

- a. 00 No surgical dx staging procedure done
- b. 01 biopsy other than primary site
- c. **02 biopsy of primary site**
- d. None of the above

3. A patient presents with cervical and mediastinal lymphadenopathy. An excisional biopsy of an axillary lymph node is positive for DLBCL.

What is Dx Staging procedure?

- a. 00 No surgical dx staging procedure done
- b. 01 biopsy other than primary site
- c. 02 biopsy of primary site
- d. None of the above

Pop Quiz 3

2/1/25: Patient presents to your facility for a mediastinoscopy.

- The patient has an incisional biopsy of an enlarged mediastinal lymph node.
- The node is found to be positive for metastatic squamous cell carcinoma.

2/7/25: The patient goes to another facility for further work-up and staging.

- He is found to have squamous cell carcinoma of the lung with widespread metastasis.

2/15/25: The patient opted for hospice care based on physician (at other facility) recommendation.

- No further work-up or treatment done.

1. What is Scope of Regional Lymph Node Surgery for the

- a. 0: None
- b. 1: Biopsy or aspiration of regional lymph node(s)**
- c. 4: 1-3 regional lymph nodes
- d. 5: 4 or more regional lymph nodes removed
- e. 9: Unknown

2. What is Class of Case for your facility?

- a. 00: Initial diagnosis at the reporting facility AND all treatment or a decision not to treat was done elsewhere**
- b. 13: Initial diagnosis at the reporting facility AND part of first course treatment was done at the reporting facility; part of first course treatment was done elsewhere
- c. 14: Initial diagnosis at the reporting facility AND all first course treatment or a decision not to treat was done at the reporting facility
- d. 30: Initial diagnosis and all first course treatment elsewhere AND reporting facility participated in diagnostic workup (for example, consult only, treatment plan only, staging workup after initial diagnosis elsewhere)

3. What is Date First Course Treatment?

- a. 2/1/25
- b. 2/7/25
- c. 2/15/25**
- d. None of the above

4. What is Date First Surgical Treatment?

- a. 2/1/25
- b. 2/7/25
- c. 2/15/25
- d. None of the above**

5. What is Treatment Status?

- a. 0: No Treatment Given**
- b. 1: Treatment Given
- c. 2: Active Surveillance
- d. 9: Unknown

Pop Quiz 4

A patient was found to have a mass in her left breast. On 2/5/25 she had lumpectomy and a sentinel lymph node biopsy.

- 3 sentinel lymph nodes were removed and were positive for malignancy.
- 2 non-sentinel nodes removed and negative for malignancy.

Under the same anesthesia she had a modified radical mastectomy and axillary node dissection.

- 15 lymph nodes were removed. A single axillary node was positive for malignancy.
14 nodes negative.

1. What is Date Sentinel Node Procedure?

- a. Blank
- b. 2/5/25**
- c. None of the above

2. What is Date Regional Node Dissection?

- a. Blank
- b. 2/5/25**
- c. None of the above

3. What are Sentinel Nodes Pos/Ex?

- a. Blank/Blank
- b. 03 pos /05 ex**
- c. 97 pos /05 ex
- d. None of the above

4. What are Regional Nodes Pos/Ex?

- a. 03 pos /05 ex
- b. 14 pos /15 ex
- c. 17 pos /20 ex**
- d. None of the above

Pop Quiz 5

A patient presents with newly diagnosed metastatic prostate cancer. The patient was treated with Pluvicto (Lutetium Lu 177 vipivotide tetraxetan).

Patient received a total of 6 cycles (7/15/24 to 3/17/25).

1. What is coded for Phase 1 Volume?

- a. 00-No radiation treatment
- b. 64-Prostate whole
- c. 93-Whole body
- d. 98-Other**
- e. 99-Unknown

2. What is coded for Radiation to Draining Nodes?

- a. 00-No radiation to draining nodes**
- b. 06-Pelvic nodes
- c. 08-Lymph nodes, NOS
- d. 88-Not applicable

3. What is coded for Radiation Treatment Modality?

- a. 00-No radiation treatment
- b. 13-Radioisotopes, NOS**
- c. 14-Radioisotopes, Radium 224
- d. None of the above