

Melanoma – QUESTIONS

Clinical Case Conference

UCSD Radiation Oncology

SA-CME

1. What is the correct AJCC T staging for a melanoma 3 mm deep with ulceration?
 - a. T2a
 - b. T2b
 - c. T3a
 - d. T3b

2. Which of the following regimens was used in the TROG trial comparing postoperative radiation versus observation in high-risk melanoma patients?
 - a. 30 Gy at 3.0 Gy per fraction over 2 weeks
 - b. 30 Gy at 6.0 Gy per fraction over 2.5 weeks
 - c. 48 Gy at 2.4 Gy per fraction over 4 weeks
 - d. 60 Gy at 2.5 Gy per fraction BID over 4 weeks

3. Stage I/II melanoma has an approximate 5 year OS of:
 - a. 20%
 - b. 50%
 - c. 70%
 - d. 90%

4. Ipilimumab is a targeted agent that acts synergistically with radiotherapy by:
 - a. sensitizing tumor cells to radiotherapy by inhibiting DNA repair pathways.
 - b. sensitizing tumor cells to radiotherapy by inhibiting cytotoxic T cell lymphocytes
 - c. increasing the immune response to tumor antigens released after radiotherapy
 - d. increasing radiotherapy effectiveness by improving tumor oxygenation.

5. A 45-year-old woman underwent resection of a 3 mm deep melanoma of the cheek with negative surgical margins. A selective neck dissection demonstrated two positive lymph nodes with extracapsular extension. A postoperative CT scan of the neck and chest was negative. Which statement about the use of adjuvant radiation therapy is true?
 - a. Melanoma does not respond to radiation.
 - b. Radiation to the primary tumor site only would be appropriate.
 - c. No radiation would be indicated for this patient because of the clear margins.
 - d. The primary tumor site and ipsilateral cervical lymphatics should be irradiated.

