POST-TEST

Oncology Today with Dr Neil Love: Recent Updates in HER2-Low Breast Cancer

THE CORRECT ANSWER IS INDICATED WITH YELLOW HIGHLIGHTING.

- Which of the following outcomes best describes the progression-free survival (PFS) with trastuzumab deruxtecan (T-DXd) compared to treatment of physician's choice for patients with pretreated HER2-low advanced breast cancer in the DESTINY-BREASTO4 study?
 - a. Improvement with T-DXd for only those patients with HR-positive disease
 - b. Improvement with T-DXd for all patients
 - c. Similar PFS on both study arms
- 2. Which of the following statements best describes the severity of interstitial lung disease (ILD)/pneumonitis observed in patients receiving T-DXd in the DESTINY-BREASTO4 trial?
 - a. Most events were Grade 1 or 2
 - b. Most events were Grade 3 or 4
 - c. All events were Grade 3 or 4
 - d. ILD was not observed in this population

- 3. What is the frequency of HER2-low tumors among patients with breast cancer?
 - a. <1%
 - b. 8% to 12%
 - c. 45% to 55%
 - d. > 70%
- 4. Which of the following outcomes best describes PFS observations in the Phase III DESTINY-Breast03 study comparing T-DXd to trastuzumab emtansine (T-DM1) for patients with HER2-positive, unresectable and/or metastatic breast cancer after previous treatment with trastuzumab and a taxane?
 - a. PFS was similar with both agents
 - b. Improvement with T-DM1
 - c. Improvement with T-DXd
- 5. Which of the following drug types best describes the mechanism of action of the cytotoxic payload of T-DXd?
 - a. Tubulin inhibitor
 - b. Topoisomerase inhibitor
 - c. DNA damaging agent