Breast Cancer Update for Surgeons — Issue 1, 2015

THE CORRECT ANSWER IS INDICATED WITH YELLOW HIGHLIGHTING.

- The SOFT trial evaluating ovarian suppression in premenopausal women with hormone receptor-positive BC demonstrated the following results with the addition of ovarian suppression to tamoxifen or exemestane versus tamoxifen alone:
 - a. A significant reduction in the risk of recurrence in the cohort who remained premenopausal after chemotherapy
 - A significant benefit with ovarian suppression in the cohort of women who did not receive chemotherapy
 - c. Both a and b
- 2. Palbociclib was recently approved by the FDA for use in combination with _____ as treatment for postmenopausal women with ER-positive, HER2-negative advanced BC in the first-line setting.
 - a. Letrozole
 - b. Fulvestrant
 - c. Tamoxifen
- 3. The results of a prospective trial of the scalp hypothermia system reported the technique to be highly effective with a success rate of approximately 70% in reducing chemotherapy-induced alopecia in women with Stage I/II BC receiving nonanthracycline-based neoadjuvant or adjuvant chemotherapy regimens.
 - a. True
 - b. False
- 4. The Onco*type* DX assay for patients with DCIS who have undergone local excision predicts
 - a. The risk of DCIS recurrence
 - b. The risk of invasive BC
 - c. Both a and b
- The results of the ACOSOG Z0011 study evaluating ALND for women with T1-2 BC who have 1 to 2 positive sentinel nodes demonstrated a significantly lower locoregional recurrence rate with ALND.
 - a. True
 - b. False

6. Pertuzumab ha	as been approved	by the FDA fo	
use in BC in th	ne se	setting.	

- a. Neoadjuvant
- b. Adjuvant
- c. Both a and b
- 7. Five-year analysis of the Phase II NeoSphere trial evaluating the addition of neoadjuvant pertuzumab to trastuzumab and/or docetaxel in locally advanced or inflammatory HER2-positive BC demonstrated that pertuzumab did not add any benefit in disease-free survival.
 - a. True
 - b. False
- 8. The Phase III RxPONDER study randomly assigns patients with hormone receptor-positive, HER2-negative BC with _____ and an Oncotype DX RS of 25 or lower to adjuvant endocrine therapy with or without chemotherapy.
 - a. Negative lymph nodes
 - b. One to 3 positive lymph nodes
 - c. Microscopically positive sentinel lymph node(s)
- Results of the NSABP-B-35 trial of anastrozole versus tamoxifen in postmenopausal patients with DCIS undergoing lumpectomy and radiation therapy demonstrated ______.
 - a. A significant improvement in in-breast events with anastrozole
 - b. No difference in overall survival
 - c. No difference in the risk of contralateral invasive BC
 - d. All of the above
 - e. Both a and b
- The Oncotype DX 21-gene RS _____ for patients with early-stage, node-negative, ER-positive invasive BC.
 - a. Predicts chemotherapy benefit
 - b. Predicts likelihood of distant BC recurrence
 - c. Both a and b
 - d. Neither a nor b