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Pertuzumab associated crohn-like colitis

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Pertuzumab in combination with trastuzumab is an effective anti human epidermal growth factor receptor 2 (HER2) treatment for patients with HER2-positive breast cancer in the neoadjuvant, adjuvant, and metastatic stages. The most common side effect of pertuzumab is diarrhea; however, grade 3-4 diarrhea rarely occurs. The occurrence of colitis is not expected with pertuzumab use. This case report presents a 46-year-old woman with estrogen receptor (ER) and HER2 positive breast cancer who developed pertuzumab-attributed grade 3 diarrhea and colitis during trastuzumab plus pertuzumab treatment.

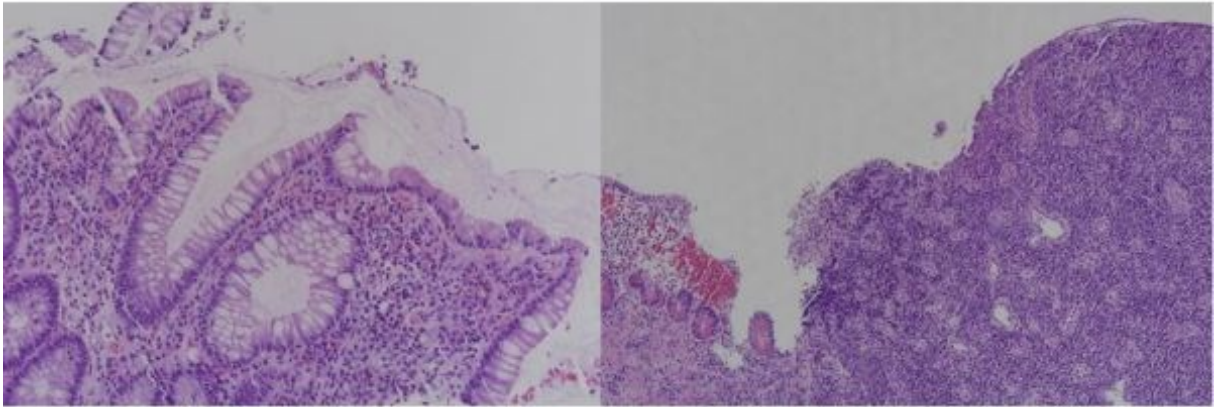
Anahtar Kelimeler: pertuzumab 1, colitis 2, crohn-like 3, associated 4

Colonoscopy



In the ileum and descending colon, there are scattered ulcers with a tendency to coalesce, reaching 20-25 mm in diameter, characterized by cratered bases and white exudate.

Patology



Peripheral mucosal changes due to ulceration, erosion, and normal mucosa in a few areas are observed in the ileum. The diffuse presence of plasma cells and eosinophils is also noted.