Combination of TB lymphadenitis and metastatic LAP in breast cancer

Tuberculosis (TB) may present as pulmonary and extra-pulmonary. TB lymphadenitis is the most common presentation of extra-pulmonary TB. TB lymphadenitis should be taken into account in the differential diagnosis of different disorders such as metastatic lymphadenopathy. The reported patient was a 65-year-old lady with breast cancer and conglomerated and matted axillary lymphadenopathy who received chemotherapy. She presented with more extensive axillary LAP contrary to our expectation. Modified radical mastectomy was done and pathology analysis reported TB lymphadenitis associated with metastatic LAP. Under cover of anti-TB therapy adjuvant chemoradiation therapy was started. Accordingly, we recommend TB be ruled out in every patient who needs chemotherapy in the endemic region because chemotherapy may cause the extension of TB in the body.

Key Words: breast cancer, metastasis, TB, lymphadenopathy


References