

Clinical Image

# No Response to Primary Neo Adjuvant Chemotherapy in Two Cases of Stage III and IV Breast Cancer

Molnar C<sup>1</sup>, Neagoe VI<sup>1\*</sup>, Butiurca VO<sup>1</sup>, Tataru S<sup>1</sup>,  
Stolnicu S<sup>2</sup> and Molnar CV<sup>3</sup>

<sup>1</sup>Department of General Surgery I, University of  
Medicine and Pharmacy Targu Mures, Romania

<sup>2</sup>Department of Pathology, University of Medicine and  
Pharmacy Targu Mures, Romania

<sup>3</sup>Department of Obstetrics and Gynecology I, University  
of Medicine and Pharmacy Targu Mures, Romania

\*Corresponding author: Neagoe VI, Department of  
General Surgery I, University of Medicine and Pharmacy  
Targu Mures, Romania, 50 Gheorghe Marinescu St, Targu  
Mures, Romania

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In the era of constantly changing treatment guidelines for breast cancer, neo adjuvant chemotherapy has been widely accepted and a complete pathological response after this type of breast cancer management is associated with better outcomes. Good quality core biopsy specimens and the evidence of estrogen receptors, progesterone receptors and HER2 status are vital for a good neo adjuvant therapeutic approach. In selected cases, patients with breast tumors larger than 2cm can be treated also by neo adjuvant endocrine therapy. We use preoperative chemotherapy approach with the aim of downgrading of high-risk breast cancers (tumors >2cm and locally advanced, which are ineligible for resection). As a particularity we present preoperative images (Figure 1 and 2) from two cases of no response to neo adjuvant chemotherapy following the NCCN guidelines for breast cancer stage III and IV. In both cases we have performed modified radical mastectomy and radical auxiliary lymph node dissection (Madden procedure) with good outcomes.



Figure 1: Blue circle describing left breast tumor and black circle left axillary lymphadenopathy.



Figure 2: Black circle shows exulcerated right breast tumor.