# ASO Author Reflections: Residual Cancer Burden Across Phenotypic Subtypes

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### PAST

The residual cancer burden (RCB) was developed as a standard scoring system to report residual disease burden at surgery after neoadjuvant chemotherapy.<sup>1</sup> The utility of this scoring system in the context of different breast cancer phenotypes was not well established.

#### PRESENT

In our study, we evaluated the RCB after neoadjuvant chemotherapy in different breast cancer phenotypic subtypes to determine if this was predictive of survival outcomes.<sup>2</sup> Our results found the RCB to be predictive of overall survival and recurrence in patients with triplenegative and HER2-positive breast cancer. However, the RCB was not predictive in the hormone receptor-positive, HER2-negative patients. We hypothesized that were unable to show a difference in this group due to an overall low event rate of recurrence and death.

## FUTURE

Since submission of our paper, a multicenter, polled analysis was recently published that evaluates the RCB in different phenotypic subtypes. This analysis found the RCB to be predictive in all subtypes, including the hormone receptor-positive, HER2-negative group.<sup>3</sup> The RCB provides useful information for patients undergoing neoadjuvant therapy and should be incorporated in the adjuvant treatment planning for neoadjuvant chemotherapy patients.

DISCLOSURE None.

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