

Interdisciplinary Concentration , Clinical Translational Science

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Title: Survival Differences based on Platelet Counts at the time of diagnosis in Patients with Stage 2 Pancreatic Cancer

Pancreatic Cancer (PC) is the fourth leading cause of cancer-related death in the United States in 2021, with a five-year survival rate of less than 10%. Biomarkers such as platelet counts at the time of diagnosis may be promising to predict the prognosis of PC. Findings from previous studies regarding the association between platelet and survival in patients with PC were inconsistent due to sample heterogeneity. The present study investigated the differences in survival among patients within stage 2 PC between having low (n=47) and high (n=143) platelet counts at the time of diagnosis by using the existing data provided by the UF Integrated Data Repository (IDR). We found that patients with low platelet counts (< 182K) had a numerically lower median survival duration (874 days vs. 1451 days) that was not statistically different from those with higher platelet counts ($\geq 182K$).

POSTER

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