

Leuk Lymphoma 2014 Jun;55(6):1261-5 Epub 2013 Sep 23

PMID: 24047107 DOI: 10.3109/10428194.2013.834054

Autoimmune cytopenias in chronic lymphocytic leukemia at disease presentation in the modern treatment era: is stage C always stage C?

Carlo Visco, Agostino Cortelezzi, Francesca Moretta, Erika Falisi, Francesco Maura, Silvia Finotto, Wilma Barcellini, Achille Ambrosetti, Antonino Neri, Marco Ruggeri, Francesco Rodeghiero

Abstract

Abstract Anemia and thrombocytopenia at chronic lymphocytic leukemia (CLL) presentation have long been considered to be predictive of a poor prognosis, irrespective of the cause of cytopenia, yielding an advanced stage of the disease. We identified 86 patients with CLL who were diagnosed after year 2000 with Binet C disease at first presentation. Cytopenia was considered related to autoimmune conditions in 27 (31.3%; stage C "immune") or secondary to bone marrow failure in 59 (68.6%; stage C "infiltrative"). No difference in clinical characteristics, mutational status, cytogenetics, TP53 and NOTCH1 mutations was observed between stage C "immune" and "infiltrative." Patients with stage C "immune" had a trend toward a better overall survival than patients with stage C "infiltrative" (median 74 vs. 63 months), but the difference was not statistically significant (p = 0.30). This difference was not modified by adjustment for CLL tumor burden at presentation, and survival of stage C "immune" patients was significantly inferior compared to an unselected cohort of patients with stage A, but similar to stage B. Our findings suggest that autoimmune cytopenias at CLL diagnosis have a negative impact on patient outcome.

Link all'articolo: https://pubmed.ncbi.nlm.nih.gov/24047107/