

Developing the Puerto Rico Chronic Lymphocytic Leukemia Profile

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Background

- Chronic lymphocytic leukemia (CLL), characterized by a heterogeneous clinical course, is the most frequent type of leukemia among older age population.
- In the past decades the use of markers for CLL patients have provided important disease prognosis information and they have stimulated the development of more appropriate targeted therapies.
- The current standard of care combines cytogenetic results with targeted testing for mutations to determine prognostic subgroups.
- There is no information about the use and impact on these prognostic factors for CLL in Puerto Rico (PR) due to lack of a comprehensive database.

Objective

- To develop PR CLL Profile infrastructure in order to assess the epidemiologic and clinical characteristics, treatment patterns, and outcomes of patients diagnosed with CLL in PR.

Methods

- A project team was created, including oncologists, Certified Tumor Registrars, IT personnel, epidemiologists, and other medical and research consultants.
- This team evaluated CLL pathology reports and determined prognostic factors, clinical variables, and CLL-specific treatment modalities to be included in PR Central Cancer Registry (PRCCR) database.
- Staff of the PRCCR's IT unit, together with the project team, developed the layout and the infrastructure of the database to be analyzed.
- CLL cases from 2011 to 2015 were audited through case finding, case processing, and quality control activities to assure completeness and quality of data.

Methods

