

Advancements in chronic lymphocytic leukemia (CLL) treatment bring new hope to patients

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The treatment and management of blood cancers, in particular CLL, has advanced greatly in the last decade. Physicians and patients now have an armamentarium of targeted treatments to choose from to aid in the achievement of individual treatment goals.

The approval of rituximab in the late 90s, a chimeric anti-CD20 antibody, ushered in the era of chemoimmunotherapy (CIT) and culminated in the establishment of the fludarabine, cyclophosphamide, and rituximab (FCR) regimen as a gold standard for the first-line treatment of CLL. However, the FCR combination is known to be significantly myelosuppressive and immunosuppressive, which can result in a heightened risk for opportunistic infections in some patients that could persist for several years following treatment.

"Today, CIT is being rapidly displaced by oral targeted inhibitors such as Bruton's tyrosine kinase inhibitors (BTKis), which have demonstrated significantly better efficacy than CIT.⁴ Given the now consistent observations of improved progression free survival (PFS) and overall survival (OS) with the use of novel agents compared to CIT, regimens such as FCR are no longer recommended for the frontline management of CLL,⁵" said Frances Chang, Vice President, Medical Affairs, Pharmaceuticals, Janssen Asia Pacific.





Towards the next breakthrough

"BTKis have created a new era of chemotherapy-free treatment for CLL. At Janssen, while we are inspired by the progress todate, we also have a singular focus – the elimination of cancer. With three decades of innovation in oncology, we are driven by the enormous global unmet medical needs that continue to persist in disease treatment," said Chang. "No single company can solve the challenges of cancer. This is why Janssen continues to collaborate with experts from across academia and industry to advance science and deliver innovative therapies to patients in the region and around the world."

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