

# CML Survey & Result Announcement

- The survey was conducted to explore the treatment experiences and disease awareness of CML patients.
- The survey revealed the challenges CML patients face, emphasizing the lifelong nature of the disease and the burden of side effects during prolonged treatment. It also highlighted the need for greater empathy and support due to the significant decline in patients' quality of life.
- The results of the CML survey were widely covered by various major media outlets in South Korea and were also shared on the KBDCA website and Instagram.

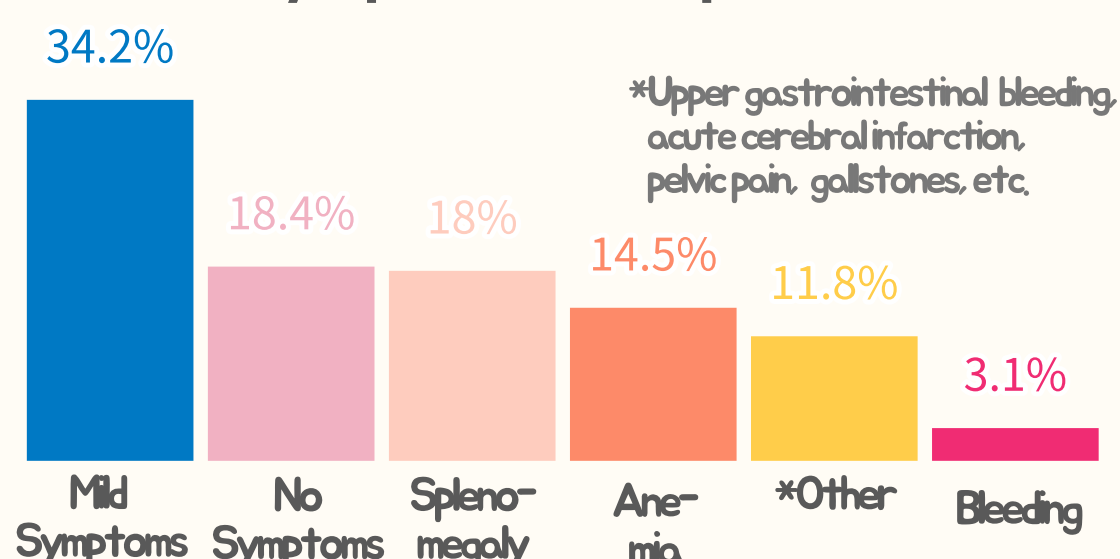


- **Period** : 2024.8.22. ~ 9.5.
- **Method** : On-line Survey
- **Target** : CML patients in Korea aged 18 and older / Total of 261 patients (Male 58.3% / Female 41.7%)



## Diagnosis

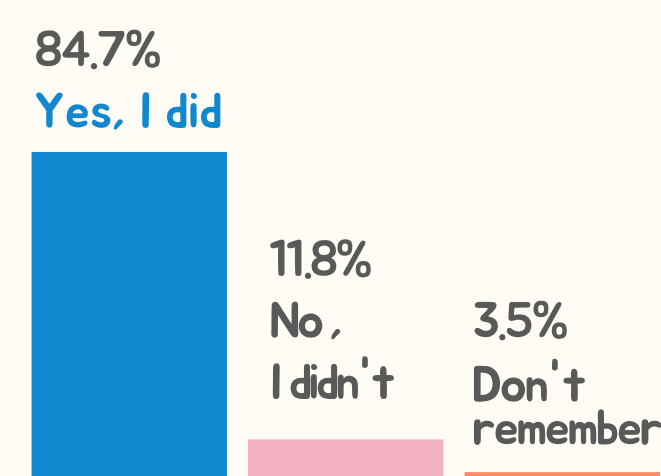
Q. What symptoms were present at the time of diagnosis?



The most common symptoms at diagnosis were mild symptoms, such as fatigue, or no symptoms at all, accounting for 52.6%, followed by splenomegaly at 18%.

## Information Acquisition

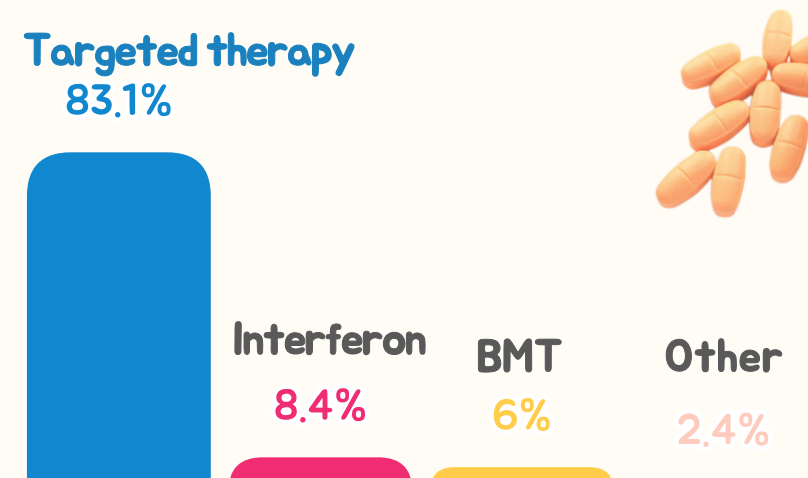
Q. Did you receive sufficient information during treatment?



Memorable information included guidance such as "It's a disease that requires lifelong medication, so it should be treated like a friend", "It's important to stick to the medication schedule," and "Avoid grapefruit." These responses reflect the information patients received about medication precautions, treatment methods, and prognosis.

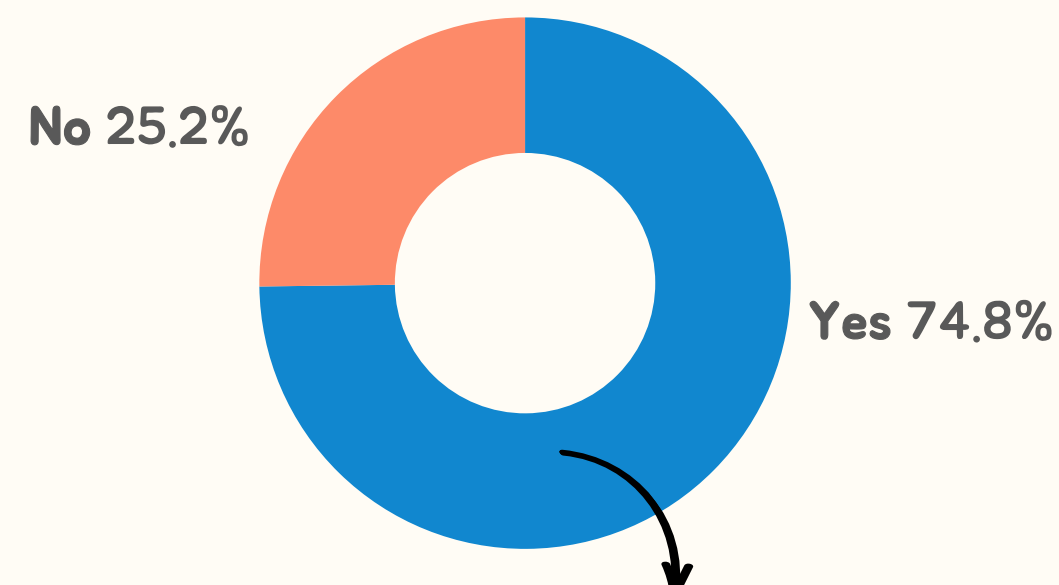
## Treatment Information

Q. What treatments have you received so far? (Multiple responses)



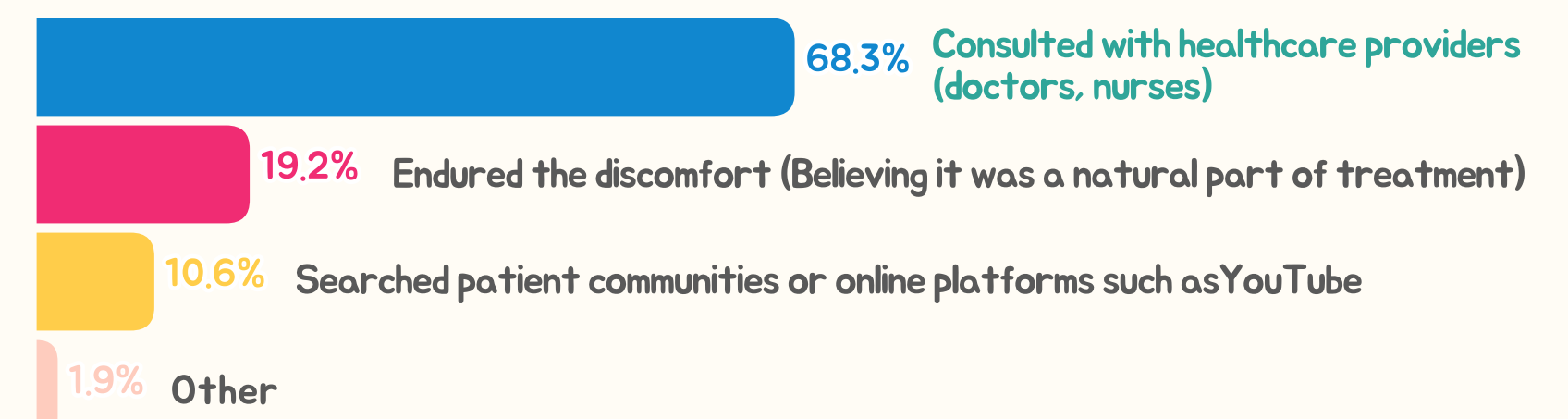
Among those on targeted therapy, 33% had changed their medication at least once due to reasons such as side effects (46.8%), resistance due to mutations (19.1%), and no treatment effect (14.9%).

Q. Have you experienced any side effects during targeted therapy?

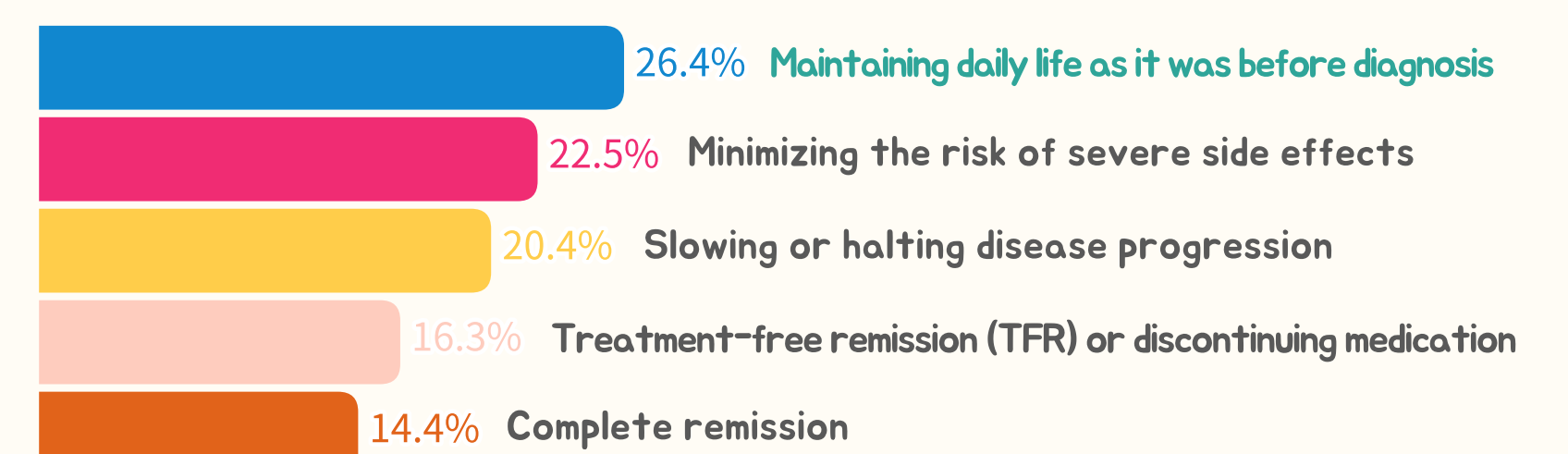


Patients reported various side effects, including: Joint pain and swelling, such as tingling in hands and feet (18.9%), General fatigue (17.0%), Skin rash, itching (15.4%), Loss of appetite, diarrhea (11.1%), Neutropenia, thrombocytopenia, anemia (10.5%) and Other symptoms like headaches, cardiovascular issues, respiratory problems, etc. (27.2%)

Q. How did you address the side effects from targeted therapy?

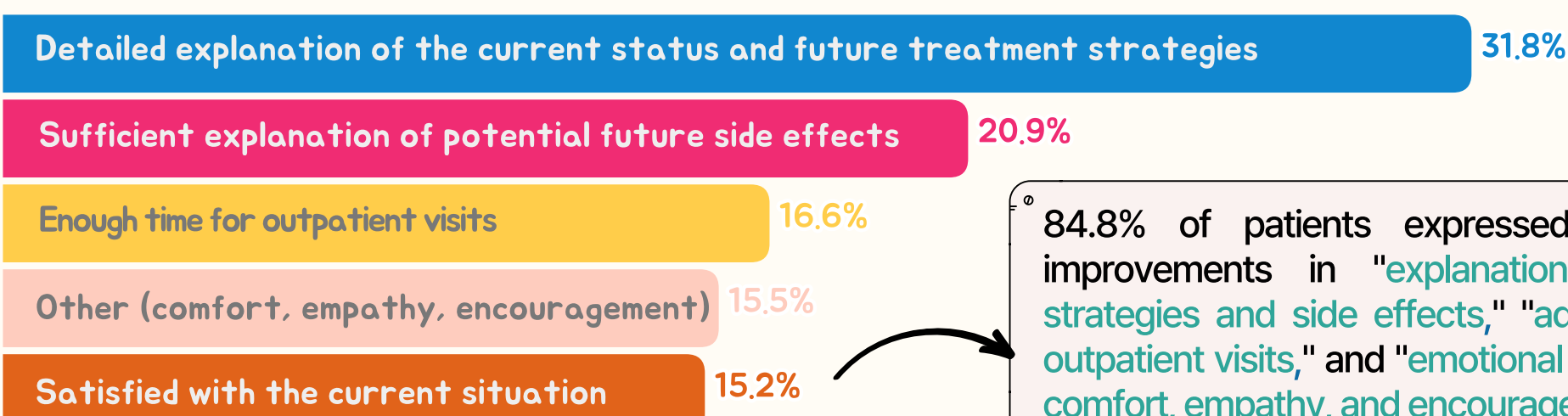


Q. What was the most important treatment goal for you? (Multiple responses)



## Improvements

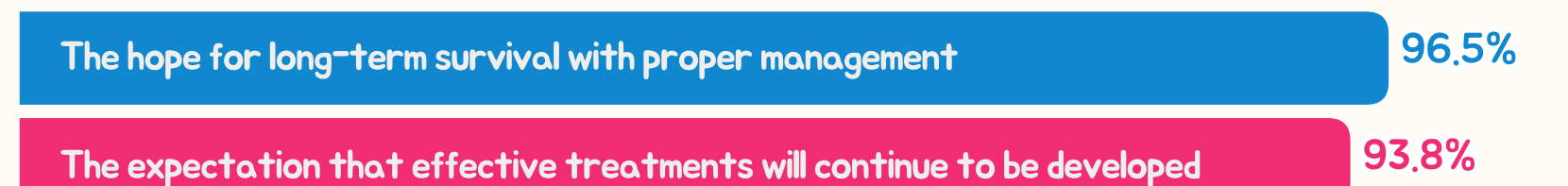
Q. What aspects of your consultation with medical professionals (during outpatient visits) do you think need improvement or more attention? (Multiple responses)



84.8% of patients expressed a desire for improvements in "explanation of treatment strategies and side effects," "adequate time for outpatient visits," and "emotional support such as comfort, empathy, and encouragement."

## Expectations and Concerns

Q. What are your expectations regarding chronic leukemia?



Q. What are your concerns?



- Patients' goal was to return to life as it was before the disease, or to improve their quality of life.
- While the advent of targeted therapy has brought hope to CML patients, fears regarding drug side effects, resistance, and relapse remain. Therefore, emotional support and encouragement are still necessary.
- Based on the survey results, a campaign highlighting the importance of managing side effects is to be conducted during World CML Day 2025.

