

Thinking About Your Patients With B-Cell Malignancies, Here Are Some Factors That Influence Adherence to Oral Anti-Cancer Medications¹⁻³

While oral medications provide patients a convenient form of medication administration, there are several factors that contribute to non-adherence to oral therapies

Patient Related

- Positive belief in treatment benefit and QoL
- ♦ Forgetfulness & self-efficacy
- ◆ Depressive symptoms
- ♦ Change in patient's routine
- ♦ Health literacy





Therapy-related

- ♦ Side effects
- ♦ Polypharmacy
- Duration and variations of therapy
- ♦ Pill burden

Disease Related

- ◆ Comorbidities
- ◆ Disease burden

Healthcare System Related

- Relationship with Health Care Providers
- Lack of patient involvement in decision making
- ♦ Side effects that were not warned about







Social and Economic

- ♦ Age
- ◆ Insurance coverage/Higher out-of-pocket expenses
- ◆ Lower income and education level
- ♦ Employment status
- ♦ Marital Status
- Racial disparities

Studies have shown that patient-physician relationships and a patient's positive beliefs about their therapies are modifiable factors for adherent patient behaviors

Abbreviation: QoL=Quality of Life.

1. Zackon AYL, Ayers AA, Yeager KA, Somma ML, Friedberg JW, Flowers CR, Nastoupil LJ. Maximizing the effectiveness of oral therapies in lymphoid cancers: research gaps and unmet need. Leuk Lymphoma. 2019;60(10):2356-2364. 2. Kvarnström K, Westerholm A, Airaksinen M, Liira H. Factors contributing to medication adherence in patients with a chronic condition: a scoping review of qualitative research. Pharmaceutics 2021;13(7):1100. doi:10.3390/pharmaceutics13071100. 3. Puts MTE, Tu HA, Tourangeau A, et al. Factors influencing adherence to cancer treatment in older adults with cancer: a systematic review. Ann Oncol. 2014;25(3):564-577.