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Predictive indicators of successful TKI discontinuation in patients with chronic myeloid leukemia

Predicting successful TKI discontinuation in CML

Ruth Stuckey, Juan Francisco López Rodríguez, Santiago Sánchez Sosa, Adrián Segura Díaz, Nuria Sánchez Farías, Cristina Bilbao Sieyro, María Teresa Gomez-Casares

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Publish Year: 2019

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<https://www.frontiersin.org/articles/10.3389/fonc.2019.00372/full>

May 14, 2019 · This **meta-analysis** of observational studies of **CML patients** with **stable DMR** to **TKIs** focused on efficacy and safety of **TKI discontinuation** but also exploring the factors contributing to **successful TFR**. Estimated loss of **MMR** was 16, 34, 39, and 41% at 3, 6, 12, and 24 months, respectively, for **patients** who **discontinued TKI treatment**.

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Author: Dvorak P, Lysak D, Vokurka S

Publish Year: 2015

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Publish Year: 2019

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Tyrosine kinase inhibitors (TKIs) have improved the survival of **patients with chronic myeloid leukaemia**. Many **patients** have deep molecular responses, a **prerequisite** for **TKI therapy discontinuation**. We aimed to define precise conditions for **stopping treatment**.

Cited by: 175

Author: Susanne Saussele, Johan Richter, Joelle ...

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Jan 03, 2019 · The introduction of imatinib, a selective **tyrosine kinase inhibitor (TKI)**, revolutionized the treatment of **chronic myeloid leukemia (CML)** and changed the natural history of the disease [1, 2]. Subsequently, four additional TKIs were approved for the treatment of CML: bosutinib, dasatinib, nilotinib, and ponatinib.

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Tyrosine Kinase Inhibitor Therapy Discontinuation for Patients with Chronic Myeloid Leukaemia in Clinical Practice Richard E. Clark Department of Molecular and Clinical Cancer Medicine, Institute of Translational Medicine, University of Liverpool, Room 150, First floor, Sherrington Building, Ashton Street, Liverpool,, L69 3GE UK

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Author: Richard E. Clark

Publish Year: 2019

Discontinuation of tyrosine kinase inhibitors in chronic ...

<https://acsjournals.onlinelibrary.wiley.com/doi/full/10.1002/cncr.31411>

The ultimate goal of **chronic myeloid leukemia** management in the **tyrosine kinase inhibitor (TKI)** era for **patients** who obtain deep molecular responses is maintaining a durable off-treatment response after