Richter's Transformation as leptomeningeal infiltration in a Chronic Lymphocytic Leukemia patient receiving Venetoclax. Could blood-brain barrier be a disease "sanctuary" during Venetoclax treatment?

Maria Dimou<sup>1</sup>, Aikaterini Bitsani<sup>1</sup>, Maria Roumelioti<sup>1</sup>, Aglaia Dimitrakopoulou<sup>1</sup>, Theodoros Iliakis<sup>1</sup>, Vasileios Pardalis<sup>1</sup>, Ioannis Grafakos<sup>1</sup>, Sotiria Kalyva<sup>1</sup>, Athanasios Markopoulos<sup>1</sup>, Marie-Christine Kyrtsonis<sup>1</sup>, and Panayiotis Panayiotidis<sup>1</sup>

<sup>1</sup>Laiko General Hospital

January 26, 2021

## Abstract

We present a unique Richter's transformation case in CNS with identical to CLL clonal origin in a patient treated with Venetoclax. With our case we make implications on whether Venetoclax penetrates the blood-brain barrier and we address the debating issue of the appropriate Venetoclax dose in case of drug-drug interactions.

## Hosted file

TEXT.pdf available at https://authorea.com/users/389865/articles/505805-richter-s-transformation-as-leptomeningeal-infiltration-in-a-chronic-lymphocytic-leukemia-patient-receiving-venetoclax-could-blood-brain-barrier-be-a-disease-sanctuary-during-venetoclax-treatment

