

ORAL PRESENTATIONS

Adult Hematology Abstract Categories

Chronic Myeloproliferative Diseases

OP 01

THE RELATIONSHIP BETWEEN POLYCYTEMIA VERA AND METABOLIC SYNDROME: THE SINGLE CENTER EXPERIENCE

Cem Selim¹

¹ Şanlıurfa Mehmet Akif İnan EAH

Objective: Polycythemia vera (PV) is the most common myeloproliferative neoplasm. It is known that while the amount of substances such as malonyl-dialdehyde, which are known as oxidative stress markers, increases in PV and metabolic syndrome (MS), antioxidant molecules decrease. There are very few studies investigating the clinical relationship between PV and MS. In our study, we determined the incidence of MS in patients diagnosed with PV in our center and investigated the relationship between MS and PV. **Methodology:** Forty patients with PV were included in the study. The study included non-smoker patients over the age of 18 who were followed up in our center and diagnosed with polycythemia vera according to the diagnostic criteria specified by the World Health Organization in 2016, by examining bone marrow aspiration biopsy and JAK mutation. The diagnosis of metabolic syndrome was made according to the criteria set by the International Diabetes Association. **Results:** Of the 40 patients included in the study, 23 (57.5%) were diagnosed with MS. Gender, age, HbA1c, fasting blood glucose, hemoglobin, ferritin, triglyceride, HDL, systolic and diastolic blood pressures, waist circumference measurements of PV patients with MS were compared with PV patients without MS. HbA1c, glucose, Triglyceride, blood pressure, values showed a statistically significant difference between the groups diagnosed with MS and PV. **Conclusion:** The incidence of MS in our country is 32.9%. In our study, the incidence of MS in patients with PV was found to be higher than the Türkiye average. Oxidative stress seems to be important in the etiology of the two diseases, so our study shows that it is important for the clinician to be careful in patients diagnosed with PV and MS. Although 2531-1379/

there seems to be a relationship between PV and MS in our study, the data need to be confirmed by studies with a higher number of patients.

<https://doi.org/10.1016/j.htct.2023.09.022>

Adult Hematology Abstract Categories

Lymphoma

OP 02

THE OUTCOME OF PERIPHERAL T-CELL LYMPHOMA PATIENTS FAILING FIRST-LINE THERAPY, FROM PROSPECTIVE COHORT OF T-CELL BRAZIL PROJECT

Carmino De Souza¹, Eliana Miranda¹, Jamila Tavares², Renata LR Baptista³, Karin C Cecyn⁴, Juliana Pereira⁵, Marcelo Bellesso⁶, Samuel S Medina¹, Davimar Borducchi⁷, Frederico L Nogueira⁸, Daniela FC Farias⁹, Thais Fischer¹⁰, Rony Schaffel¹¹, Massimo Federico¹², Carlos S Chiattoni¹³

¹ Samaritano Hospital – Higienópolis & Santa Casa Medical School of Sao Paulo

² University of Campinas (UNICAMP), Hematology and Hemotherapy Center, SP

³ Ophir Loyola Hospital, Belem, PA

⁴ State University of Rio de Janeiro – UERJ & Instituto D'Or de Pesquisa e Ensino (IDOR), Rio de Janeiro

⁵ Federal University of Sao Paulo - UNIFESP, SP

⁶ Medicine School of University of São Paulo – USP, SP

⁷ HemoMed, Instituto de Ensino e Pesquisa – IEP, São Lucas, SP

⁸ Medical School of ABC, Santo Andre, SP

⁹ Hospital Luxemburgo, Instituto Mario Penna, MG

¹⁰ Hospital Beneficencia Portuguesa, SP