

Abstract Type : Poster

Abstract Submission No. : PO-1668

**Correlation between Body Mass Index and Malnutrition Inflammation Score
in Hemodialysis Patients at General Hospital dr. Hasan Sadikin Bandung**

Larradewi Noor Aulia, Rahmadiani Putri, Agus Inti Handayani
Department of Nutrition Installation, General Hospital Hasan Sadikin Bandung, Indonesia

Objectives: This study aimed to analyze whether there is a correlation between BMI and MIS

Methods: The research method used a cross sectional study involving 116 outpatient dialysis patients at General Hospital dr. Hasan Sadikin Bandung from November 2019-February 2020. BMI data were obtained from anthropometric calculations of patients, and MIS data were collected from patient medical records. Data was statistically analyzed using pearson correlation

Results: From 116 patients there were 76 (65.5%) patients who were categorized as malnourished ($eg \geq 6$). In this study, subjects were mostly women ($n = 64$) with an average age of 48 years and average BMI 22.17 ± 4.3 kg / m². BMI was statistically correlated with core with MIS ($r = 0.284$; $p = 0.002$)

Conclusions: Patients with low BMI tend to have higher MIS scores. The increased MIS score indicates the risk of poor outcome and increases the risk of death in hemodialysis patients