



ABSTRACT
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THE EFFECT OF PARENTERAL NUTRITION ON ALBUMIN LEVEL AND NUTRITIONAL STATUS IN LIVER CIRRHOSIS AT CENGKARENG PUBLIC HOSPITAL

Background: Liver cirrhosis can be found throughout the country including Indonesia. According to data of the Association of Researchers Heart Indonesia in 2013, the average prevalence of cirrhosis of the liver of 47.4% of all liver disease patients are treated. Data at Cengkareng public hospital, in the period 2015-2017 year there were 146 patients cirrhosis of the liver are treated. Cirrhosis of the liver can cause disorders of synthesis of albumin. Often patients with severe disease does not allow for the granting of nutrients orally due to indigestion.

Objective: To know the influence of parenteral nutrition therapy against granting the levels of albumin and nutritional status on the disease of cirrhosis of the liver.

Method: Penelitian method uses a retrospective, population 146, total sample of 25. sampling using a purposive sampling, samples taken only patients who are admitted. Secondary data is data types, then analyzed using paired t-test and Wilcoxon test if the data distribution not normal.

Results: The results showed that most respondents are men, with an average of respondents is at category outset, albumin levels of elderly throughout the low nutritional status, respondents most was in the normal category. There is the influence of parenteral nutrition therapy against granting the levels of albumin ($p = 0.001$) and no influence of parenteral nutrition therapy against granting of nutritional status based on IMT ($p = 0,083$).

Conclusions: Administering parenteral nutrition therapy effect on albumin levels increment patients, parenteral nutrition therapy and have no effect against the IMT.

Key words: Parenteral, levels of albumin, and nutritional status