

Descriptive Study on Thalassemia

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Abstract	<p>Thalassaemia is blood disorder caused by deficiency or decrease in production/ formation of hemoglobin. Number of thalassaemia patients in Yayasan Talasemia Indonesia (Indonesian Thalassemia Foundation) Banyumas branch countinue to increase. The research purpose is to describe the characteristics of thalassemia patients in YTI Banyumas. The research type is a quantitative approach with cross sectional research design. Sample of 64 people taken by proportionate stratified random sampling. Data collected includes characteristics of the respondents based on the variables of people, places, and time was obtained through interviews using a questionnaire. The univariate descriptive analysis were use to describe the characteristics of the respondents. The results showed that thalassaemia patients at YTI Banyumas have several characteristics: average age of 12,28 years, male (51,6%), elementary students (40,6%), the labor force (92,2%), b-thalassemia major (90,6%), no splenectomy (84,4%), Jamkesmas (73,4%), ferritin levels 3 2000 ng/mL (90,4%), sailor deferioprone, vitamin C, and deferioksamin (81,2%), live in Banyumas (79,7%), blood transfusions in hospitals Banyumas (95,3%), the average age of diagnosis of 3,7 years, the average age of starting a blood transfusion was 3,78 years. Once a month blood transfusion (87,5%), and the frequency of iron chelation therapy by consuming vitamin C 30 times in one month (95,3%).</p>
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