BURDENS OF MAJOR BETA THALASSEMIA AND ITS TREATMENT ON ADOLESCENTS AT IBN ALBELDY PEDIATRIC AND MATERNAL TEACHING HOSPITAL IN BAGHDAD CITY

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Abstract

Objective(s): The present study aims to evaluating Major Beta Thalassemia and Its treatment on Adolescents at Ibn Albeldy Pediatric and Maternal Teaching Hospital in Baghdad City.

Methodology: A descriptive design is carried throughout the present study to assess the physical, psychological, social and financial burdens of major beta thalassemia and its treatment upon thalassemia adolescents whose age ranges between 11 to 21 years old through the period of November 2nd 2016 to April 16th 2017. The present study is carried out at the Thalassemia Center in Ibn Albeldy Pediatric and Maternal Teaching Hospital. Non-probability (purposive) sample of (80) adolescent with ages of (11-21) year old are selected and their diagnosis is major beta thalassemia, as well as hospitalized for management. They are selected from (1088) patients who are recorded at the center.

A self-report instrument is constructed for the purpose of the study. It is consisted of two parts; first, the demographic data which is consisted of (3) item and second, burdens of major beta thalassemia of physical one (10) item, psychological one (25) item, social one (11), and financial one (6) item. Validity and reliability of the instrument is determined through pilolet study. Data collection is initiated from December 11th 2016 to February 16th 2017 in order to assess the burdens of major beta thalassemia and its treatment on thalassemia adolescents. Data are analyzed through the use of SPSS (Statistical package for Social Sciences) version 20.0 application Statistical analysis system and Excel application. Descriptive and inferential statistical data analysis approaches are employed.

Results: Results of data analysis depict that participants are severely affected by psychological, social, and physical burdens. While these participants are mildly affected by financial burden.

Conclusion: The study concludes thalassemia has an impact on the different psychological, social, and physical life aspects of adolescents with Beta Thalassemia Major, also those adolescents’ disease information and socioeconomic status have contributed to the creation of psychological, social, physical and financial burdens that generate effect on adolescents with major beta thalassemia within various levels.

Recommendations: The study recommends that Well-structured education program on the burdens of Major Beta Thalassemia can be present to these adolescents in order to increase their awareness concerning these issues. Mass media should take an action to provide information about thalassemia and other inherited disease. It is necessary to found psychologist and sociologist in the hematological center for Thalassemia to provide a connection between patients, school, the families, and the physicians.

Key words: Burdens, Major Beta Thalassemia, Treatment, Adolescents
References


