

Factors Influencing the Quality of Life in Children with Thalassemia: A Scoping Review

Milla Evelianti Saputri^{1, *}, Suhartono², Martha Irene Kartasurya³, Fauzi Muh⁴

¹Faculty of Public Health, Universitas Diponegoro, Semarang, Indonesia

²Faculty of Environmental, Universitas Diponegoro, Semarang, Indonesia

³Faculty of Nutrition, Universitas Diponegoro, Semarang, Indonesia

⁴Faculty of Epidemiology, Universitas Diponegoro, Semarang, Indonesia

Email address:

milla.0582@gmail.com (Milla Evelianti Saputri)

*Corresponding author

Abstract

Thalassemia is a chronic disease that poses various challenges both clinically and psychologically because it requires lifelong treatment. The quality of life for thalassemia sufferers, especially in children, is something that must be prioritized. This scoping review aims to and determine the most influential factors on the quality of life of thalassemia patients, especially children. Scoping review is based on PRISMA-ScR, browsing Scopus, ScienceDirect and PubMed databases. The keywords are ("Related Factor" "AND" quality of life" OR "Life Quality" AND Thalassemia) ("Thalassemia"[Mesh]) AND "Quality of Life"[Mesh]. Critical assessment uses the Joanna Briggs Institute (JBI) assessment. 873 articlesve, have been identified and after review, we obtained 9 articles classified in 3 psychological factors that strongly influence quality of life, including mental health problems reported by 6 articles, compliance to chelation treatment 2 articles and knowledge 1 article. Among the factors influencing the quality of life in thalassemia patients, psychological factors appear to have the most significant impact. Patients with thalassemia often experience anxiety, social dysfunction, and physical changes that can profoundly affect their social roles and overall well-being

Keywords

Thalassemia, Mental Health, Compliance, Knowledge