



Netherton Syndrome in a 1-year-old Filipino Female

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ABSTRACT

Netherton syndrome (NS) is an autosomal recessive genodermatosis characterized by cutaneous and systemic complications (recurrent infections, dehydration, and sepsis). This highlights the urgency of making an accurate diagnosis, especially in infants and children. However, it is important to note that the recognition of NS is usually delayed due to its rarity and similarity to cutaneous disorders with atopic, erythrodermic, and ichthyosiform presentations. We report a case of a 1-year-old female who was previously diagnosed with a case of infantile psoriasis and was subsequently treated with topical emollients. However, after months of surveillance, the patient developed feeding problems, failure to thrive, recurrent diarrhea, upper respiratory tract, and gastrointestinal infection, leading to repeated hospitalizations. The patient then underwent further clinical examinations and laboratory analysis, which revealed abnormal hair shaft findings, elevated immunoglobulin (Ig) E levels, and normal chromosomal analysis. Multispecialty referrals with other services were done to address the current problems and ensure holistic care for the patient. On her last admission, the patient was given three doses of intravenous Ig therapy with noted improvement in lesion presentation without any systemic symptoms.

BIOGRAPHY

Dr. Loren Ann Cole Magpantay is a fresh graduate of the Department of Dermatology at the esteemed Research Institute for Tropical Medicine (RITM). Having graduated from the prestigious UST Faculty of Medicine and Surgery, she possesses a strong academic foundation coupled with a passion for dermatology. She has actively engaged in research activities, focusing on the field of tropical dermatology. Her most recent research project involved a comparative study titled "A Comparative Study of Psidium guajava (Guava) Leaf Extract Wash versus Chlorhexidine Alcohol Wash on the Inhibition of Growth of Staphylococcus aureus among Healthy Filipino Volunteers."



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