



SKIN MANIFESTATIONS OF INTERNAL DISEASE

## EXFOLIATIVE DERMATITIS CAUSED BY MALIGNANCY IN THYROID: A RARE CASE

*Alamanda Murasmita<sup>(1)</sup> - Suci Widhiati<sup>(2)</sup>*

*Sebelas Maret University, Dermatovenerology, Solo, Indonesia<sup>(1)</sup> - Dr Moewardi's Hospital, Dermatovenerology, Solo, Indonesia<sup>(2)</sup>*

**Background:** Exfoliative dermatitis sometimes referred to erythroderma is a skin disease characterized by a red and inflammatory skin. The most common causes of exfoliative dermatitis are drug reactions, but there are other factors such as internal disease or malignancy that should be considered. Approximately 25% of patients with erythroderma can not detect the underlying etiology, in which some of the patients undergo spontaneous resolution or falling down to the worst situation before things related to or becoming the causes of erythroderma are tracked down. .

**Observation:** A 81 year-old woman came complaining of scales throughout her body which had appeared since a week before. Based on the past medical history of the patient, she had ever had similar complaint since 3 years ago. The physical examination showed erythematous patch with scales throughout her body. There are no complaint and no physical examination revealed nodul, pain or other significant symptoms. We perform regular blood examination, ultrasonography, and biopsy that unveiled nothing. At the very last, multislice computed tomography indicated the presence of right thyroid malignant mass with multiple lymphadenopathy in axilla, inguinal, and right infraclavicular. Vascular doppler examination revealed the presence of right thyroid nodules with probability of malignancy.

**Key message:** Exfoliative dermatitis is a skin disease that can be life-threatening. We first have no clue, what is the underlying disease of her exfoliation since there a very rare report about exfoliative dermatitis caused by thyroid malignancy. Proper and throughout examination sometimes needed in a patience manner to get what is underlies behind exfoliative dermatitis. This will reduce the mortality rate to the patient with exfoliative dermatitis caused by malignancy.

