Nail change after the chemotherapy: simultaneous development of Beau’s line and Mees’ line

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The effects of chemotherapeutic agents on the rapidly proliferating organs, such as skin, hair, GI tract, are well known, and clinically manifest as exfoliative dermatitis, alopecia, and diarrhea respectively. As a “skin” appendage, nails are not exceptions. For example, cytotoxic chemotherapeutic agents can induce the temporary arrest of proliferative function of the nail matrix, which can be clinically observed as multiple Beau’s lines in the nail plate. A 49-year-old man was referred for the evaluation of nail changes developed on the both fingernails and toenails after the chemotherapy with paclitaxel-cisplatin for lung cancer. Interestingly, Mees’ lines developed on the fingernails, at the same time Beau’s lines were observed on toenails. We will discuss the relationship between Mees’ line and Beau’s line in this case, and the implication of nail changes with respect to the clinical courses of chemotherapy.

키워드: chemotherapeutic agents, Beau’s lines, Mees’ line

Onychopapilloma

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정금희, 은영선, 방철환, 이경진, 이영복, 박현정, 조백기

Onychopapilloma is an uncommon nail abnormality characterized by the adherence of the distal portion of the nail bed to ventral surface of the nail plate, resulting in a subungual extension of the hyperkeratin and obliteration of the distal groove. The term pterygium inversum unguis was first described in 1973 by Caputo and Prandi, and its cause is not well understood. This rare condition can be either congenital or acquired, with or without a family history. The acquired forms may be idiopathic or secondary to systemic connective tissue diseases or other causes, such as nail fortifier, stroke, neurofibromatosis, leprosy. We present a 22-year-old man with aberrant nails on all fingers of both hands from childhood. He had a difficulty in clipping the fingernails because of the pain, discomfort, and easy bleeding. Because of this problem, he had allowed these nails to grow rather long. He denied any other symptoms, history of systemic disease, previous trauma, nail disease or family history of a similar abnormality. Herein we report on a case of acquired idiopathic PIU on 10 fingernails that has not been reported in Korean dermatologic literature.

키워드: Onychopapilloma, Pterygium Inversum Unguis

Transverse leukonychia associated with hypothyroidism

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