

*Dr.V.Sireesha*¹, N. Sahitya², K. Mounika²*

¹Assistant Professor & ² Pharm D

Pulla Reddy Institute of Pharmacy, Dommadugu(V), Gummadidala(M), SangaReddy (D) , Telangana(S), India

Address for Correspondence: editojohp@gmail.com

ABSTRACT

The hand-foot-syndrome is characterized by painful predominantly palmo-plantar lesions. The association with different chemotherapeutic agents has been known for over 20 years. It is characterized by erythema, edema, and burning sensation, especially over palmoplantar surfaces. Emollients, analgesics, and cold packs are described as effective. After alopecia and mucositis, hand-foot syndrome is the most common adverse dermatologic reaction to chemotherapeutic agents. More recently, HFS has been reported in association with regimens using targeted agents, in particular the multikinase inhibitors (MKI) sorafenib and sunitinib. The HFS associated with MKI has a different distribution and clinical appearance than the traditional disorder. Suggestive therapy includes reducing agent dosage, increasing the interval between cycles, or even stopping chemotherapy. There are no studies that explore specific therapies.

KEYWORDS: - Chemotherapy, Hand-foot syndrome, palmoplantar erythrodysesthesia.

DEFINITION:

It is a skin reaction that occurs when a small amount of medication leaks out of capillaries, usually on palms of hands and soles of feet. When medication leaks out of capillaries it can damage surrounding tissues.³



INTRODUCTION:

Hand-foot syndrome is also called as Palmar-Plantar Erythrodysesthesia. It is a side effect of some cancer treatments. It causes redness, swelling, and pain on the palms of hands and/or soles of feet. Sometimes blister appear. It also occurs elsewhere on the skin such as knees or elbows.⁶

Hand-foot syndrome is characterized by painful erythematous lesions which mainly affect palmar plantar surfaces. It is unclear that the disorder is a single disease entity or whether it comprises mixed collection of various diseases with various underlying mechanisms. Hand-foot syndrome has also been reported as a side effect associated with targeted cancer therapies. The most commonly reported adverse effect in patients taking multikinase inhibitors. So also called as

Access this Article Online

Website: <http://www.journalofhospitalpharmacy.in> Quick Response Code:

Received on 18/02/2019
Accepted on 21/02/2019 © HEB All rights reserved

