

HAND-FOOT SYNDROME CASE IN INONU UNIVERSITY FACULTY OF MEDICINE DEPARTMENT OF HAEMATOLOGY

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Purpose: We present(reported) a case patient with acute myeloid leukemia during treatment with remission-induction and consolidation therapy used cytarabin drug-induced hand foot syndrome in our department.

Case Report: P.D, 29-years- female patient coming our department with fatigue, weight loss diagnosis of acute myeloid leukemia as a result of bone marrow aspiration and flow cytometric.. The patient was treated as remission-induction treatment with Cytarabin (300 mg/day, 7 days)- İdarubusin (20 mg/ day, 3 days). The patient's hand metacarpal joint at the level of the upper part of the palms erythematous, dysesthesia and purple-colored patches showing edema and desquamation macular-papular rash.was developed on the fifth day of treatment. The patient Consulted with the Department of Dermatology was recommended topical steroid medications as a local treatment and systemic antihistamines. The rash improved on the fifteenth day of treatment and the patient was considered in remission as a result of the bone marrow aspiration. The patient was treated with high-dose cytarabine (2x4800mg/day, 1.-3.-5. days) for the first cycles of consolidation treatment. Again, on the fourth day of treatment, rashes were developed as erythema, edema and desquamation dysesthesia and maculo-papular showing the purple color in especially hand palm and the

upper part. The patient Consulted (again with) the Department of Dermatology was recommended topical steroid medications as a local treatment and systemic antihistamines. The rash improved on the twelfth day of treatment

Discussion: Hand foot syndrome as known palmar plantar syndrome have been seen , various degrees of erythema, dysesthesia edema with desquamation. it is a drug-reaction especially developing palmar-plantar regions after using of variety chemotherapeutic. The main drugs are Cytarabin, 5-FU, docetaxel, capecitabine (responsible). In our case , Rashes were developed edema, desquamation, maculopapular consisting of a purple patch style (on) top and bottom of the hand, foot inside after the treatment of the Cytarabin. We should be kept in mind follow-up patients using Cytarabin occuring lesions hand and ankle similar lesions of hand-foot syndrome. The drug- dosage should be reduced in the event of occurrence of these lesions.