



ADVERSE DRUG REACTIONS, INCLUDING SJS, TEN

DRESS SYNDROME

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Background: Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS) is a severe drug induced reaction. Characterized by a morbiliform eruption, fever, enlarged lymph node, leukocytosis with eosinophilia and liver or kidney involvement. This reaction is most often induced by anticonvulsants and allopurinol. Syndrome develops a few weeks after the start of drug use. Therapy involves the withdrawal of the drug that caused the reaction and the introduction of high doses of corticosteroids.

Observation: We are reporting the patient DS, male, age 27. The patient had raised temperature of 39 degrees, followed by exhaustion. On the skin of his body and extremities, visible merged maculopapular rash, followed by itching. Three weeks before rash appeared the patient had, for the first time in his life, consciousness crisis with twitching the body and urinating. Then, he was examined by a neurosurgeon and neurologist, and Carbamazepine of 200mg, 2x1 tablet was introduced in his therapy. At head CT encephalomalacia was described on the left (the injury spot in his childhood). Ultra sound of abdomen: Cholecystitis chr. Laboratory analyses: Le -11.5; ALT 578; AST 628; gGT 376; LDH 1437; CK 255; CRP 38-6; Urine: slightly blurred, of golden yellow color, protein positive, in sediment 1-2 Er and Le 10-15. Neurological finding regular. EEG - slightly to moderate irregular basic activities, of mid amplitudes, indicates dysfunction of temporo occipital regions both sides, on the left more expressed. Carbamazepine is excluded from therapy. Lamotrigin introduced into therapy, by schedule.

Key message: Together with ordinary symptomatic and rehydration therapy, antihistamine, corticosteroid therapy and introduction of Lamotrigin into therapy, during the week, difficulties and changes on the skin were gradually withdrawing, which led to betterment of general state.

The rapid recognition of DRESS syndrome and the introduction of adequate therapy is very important, as the mortality rate is up to 10%.

