



ADVERSE DRUG REACTIONS, INCLUDING SJS, TEN

ITRACONAZOLE INDUCED SERIOUS CARDIAC ADVERSE EVENTS IN CASES OF DERMATOPHYTOSIS

Sunil Ghate⁽¹⁾

Rajawadi Hospital, Skin Department, Mumbai, India⁽¹⁾

Background: As tinea infections in India do not respond standard therapy. Thus, dermatologists have been prescribing high dose, extended duration systemic antifungals, especially itraconazole. We across 4 cases of serious cardiac events necessitating admission to Intensive care unit (ICU) in patients who had received itraconazole in the dose of 5 mg/kg/day.

Observation:

Case 1- A 47-year-old lady with no known cardiac history developed breathlessness, giddiness on day 17 of taking itraconazole 400 mg per day. She was hospitalized in ICU with headache & breathlessness.

Case 2: A 48-year-old lady, with no prior cardiac history developed giddiness, sleeplessness & was hospitalized in ICU on day 20 of taking itraconazole 400 mg per day.

Case 3: A 28-year-old lady developed severe giddiness on day 15 of itraconazole 200 mg per day.

Case 4: A 53-year-old man with past history of Hypertension, but was normotensive without treatment. He was on 300 mg itraconazole. He collapsed in his work chair. He was rushed to ICU to find his blood pressure had fallen to 60/44 mmHg. He had taken 1 tablet of Amlodipine 2.5 mg for 3 days prior.

Cases 1 & 2 had come for follow up at 2 weeks. None of the 4 had peripheral edema. First 3 cases had developed hypertension, while fourth one developed catastrophic hypotension.

Key messages: Dermatologists need to be careful while prescribing higher dose & longer duration itraconazole, especially in cases of dermatophytosis, where the infection is not life threatening.

