



MEDICAL THERAPIES AND PHARMACOLOGY

TERBINAFINE COMPARED WITH ITRACONAZOLE IN PULSE THERAPY IN THE TREATMENT OF ONYCHOMYCOSIS AT THE INSTITUTO DERMATOLOGICO DOMINICANO Y CIRUGIA DE PIEL DR. HUBERTO BOGAERT DIAZ JANUARY TO APRIL 2017

V Mendez Del Rosario⁽¹⁾ - M Isa Pimentel⁽²⁾

Instituto Dermatologico Dominicano Y Cirugia De Piel Dr. Huberto Bog?ert Dí?z, Northwest Unit, Mao, Dominican Republic⁽¹⁾ - Instituto Dermatologico Dominicano Y Cirugia De Piel Dr. Huberto Bog?ert Dí?z, Phototherapy Department, Santo Domingo, Dominican Republic⁽²⁾

Introduction: Onychomycosis is a common disease and its treatment is therapeutic a challenge, being oral therapy the first line of choice. The terbinafine and itraconazole are two of the most common agents used for the treatment of toenail dermatophyte onychomycosis.

Objective: Comparing the use of oral terbinafine and oral itraconazole in toenail onychomycosis in pulse therapy.

Materials and Methods: This prospective, randomized, parallel study taking as efficacy parameters mycological cure rate (negative KOH) and observable findings of involution at the inspection. The patients divided into two groups: one group used terbinafine 250mg/twice daily and the other group used itraconazole 100mg/4 times a day for one week each month to 16 weeks.

Results: From a total of 14 studied patients, more than half of the cases were between 40 and 59 years of age, predominantly female. All cases, except 1 present more than 3 affected toenails, with disease evolution times more than 1 year and less than 5 years. In terms of therapeutic efficacy, 4 patients from the terbinafine group and 3 from the itraconazole group had in optimal efficacy versus 4 patients from both groups who had persistence of filamentous in the direct mycological study.

Conclusion: Both therapies proved effective, being terbinafine the most effective, therapeutically superior and economically cheaper than itraconazole, which can ensure that patients are more likely to complete therapy.

