



POSTER PRESENTATION

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# An unexpected allergic reaction with *Saccharomyces boulardii*: a case report

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From 6th Drug Hypersensitivity Meeting (DHM 6)  
Bern, Switzerland. 9-12 April 2014

## Introduction

*Saccharomyces boulardii* (*S.boulardii*), known as a non-pathogenic yeast probiotic shows its efficacy in inflammatory and infectious diseases of the gastrointestinal tract safely. This report presents an allergic reaction and positive skin test in a patient who takes *S.boulardii* as an anti-diarrheal therapy.

## Case Report

A sixty-year old male patient was admitted to the hospital with itchy rash on both ankles within 1.5 hours after ingesting *S.boulardii* 250 mg capsule and nifuroxazide 100 mg capsule. Hyperemic macular lesions surrounding the ankles were seen on physical examination. Oral anti-histamine, oral and topical steroid therapies were initiated. Skin tests with suspected drugs were performed a month later. The prick and intradermal tests were performed with *S.boulardii* and nifuroxazide. The intradermal test with *S.boulardii* was detected positive at 1/10 W/vol concentration. However, skin tests were found to be negative with nifuroxazide.

## Conclusion

Although *S.boulardii* is known a safe drug in the treatment of some gastrointestinal disorders, it can not be referred completely reliable on the basis of allergic reactions. Previously, only one allergic reaction was reported effecting gastrointestinal system. Our case is important in clinical practice, because the first skin manifestation of *S.boulardii* allergy was presented and confirmed by skin test.

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Published: 18 July 2014

doi:10.1186/2045-7022-4-S3-P100

Cite this article as: Kartal et al.: An unexpected allergic reaction with *Saccharomyces boulardii*: a case report. *Clinical and Translational Allergy* 2014 **4**(Suppl 3):P100.

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