

Case Report


Linezolid-Induced Near-Fatal Serotonin Syndrome During Escitalopram Therapy: Case Report and Review of Literature

Ranganath R. Kulkarni, Pratibha R. Kulkarni¹

ABSTRACT

Linezolid is a synthetic antimicrobial agent of the oxazolidinone class with weak, nonspecific inhibitor of monoamine oxidase enzymes. Concomitant therapy with an adrenergic or serotonergic agent or consuming tyramine (> 100 mg/day) may induce serotonin syndrome (SS). We present a case report of near-fatal adverse interaction between linezolid and escitalopram inducing SS in a 65-year-old woman with sepsis, under empirical antibiotic treatment. This report also summarizes the current relevant literature as identified via PubMed, EMBASE, and PsycINFO, supplemented with a manual search of cross references.

Key words: *Adverse event, escitalopram, linezolid, serotonin syndrome*

Access this article online	
Website: www.ijpm.info	Quick Response Code 
DOI: 10.4103/0253-7176.122245	

Departments of Psychiatry, ¹Forensic Medicine and Toxicology, SDM College of Medical Sciences and Hospital, Dharwad, Karnataka, India

Address for correspondence: Dr. Ranganath R. Kulkarni
Department of Psychiatry, SDM College of Medical Sciences and Hospital, Dharwad - 580 009, Karnataka, India.
E-mail: dranant007@rediffmail.com