



International Journal of Hospital Pharmacy (ISSN:2574-0318)



To analyze the occurrence and profile of potential drug interactions in ICU patients at the Alcides Carneiro University Hospital

Brito T.A.M¹; Gomes A.M.P.²; Oliveira F.S.³

1Estudante do Curso de Bacharelado em Farmácia – UFCG;

2Estudante do Curso de Bacharelado em Farmácia - UFCG,

3Docente do Centro de Educação e Saúde da UFCG.

ABSTRACT

Introduction: As drug associations without treatment of chronic diseases are very common, especially in intensive care unit (ICU) patients, however, they may cause drug interactions, such as those that are responsible for therapeutic failure, life-threatening of patients and generating high costs for the hospital. **Objective:** This study aimed to analyze the occurrence and profile of potential drug interactions in ICU patients at the Alcides Carneiro University Hospital. **Methodology:** a data collection performed from January to June 2015, based on ICU prescriptions. The data were collected through a specific form for this purpose. For the Drug-Reax system of the Micromedex® Health Series software. **Results:** Among the 109 prescriptions evaluated, 76 (69.72%) presented some interaction, totaling 244 potential interactions. Among the 54 (49.5%) male patients, 41 (75.92%) had a MI. A median of 6.91 prescription medications was observed. All patients who used 10 or more drugs had some type of interaction. **Conclusion:** It was possible to evaluate an average of prescription drugs, more prescription drugs and their interactions, based on the profile of interactive pharmacological potentials of the Alcides Carneiro University Hospital.

Keywords: Drug interactions; Pharmacotherapy; Chronic diseases

*Correspondence to Author:

Brito T.A.M

Estudante do Curso de Bacharelado em Farmácia – UFCG

How to cite this article:

Brito T.A.M; Gomes A.M.P.; Oliveira F.S. To analyze the occurrence and profile of potential drug interactions in ICU patients at the Alcides Carneiro University Hospital. International Journal of Hospital Pharmacy, 2018,3:7.



eSciPub LLC, Houston, TX USA.

Website: <http://escipub.com/>