

Natureza do trabalho: Resumo

TÍTULO

THE POSSIBLE INTERACTION DRUGS INVOLVING AMITRIPTYLINE AND OTHER DRUGS OF ACTION IN THE CENTRAL NERVOUS SYSTEM

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RESUMO

Introduction: The drugs interactions consist in a clinical event which the drug effects is changed by the presence of another drug. The drugs combination has become useful in the treatment of coexisting pathologies, or to potentiate the pharmacological effect in refractory condition. Nevertheless, the drugs combination may reduce the effectiveness and / or promote different severity of adverse reactions. Is recognized the importance of amitriptyline interactions with other drugs, once this has become one of the most prescribed antidepressants in the world. **Objective:** The aim of this study was to identify possible interactions of this drug with another drugs which act in the central nervous system in prescriptions dispensed in a pharmacy of a city of west Paraná. **Methods:** The retrospective and descriptive research was developed on a public pharmacy .Were analyzed the prescriptions of drugs which belong in the list of special control drugs, dispensed between July and August 2010. **Results:** Were analyzed 918 prescriptions, and 306 of these had amitriptyline and at least another one drug who act in the central nervous system. It was found that in 16% of prescriptions with amitriptyline had at least one interaction of this drug with another drug which acts in the central nervous system. Of these, 12 % were classified as more severe, 4 % as moderate severity, according to the classification of Micromedex. The most frequently association found was the associations of amitriptyline with fluoxetine, totaling 219 prescriptions, this interaction deserves special attention because the concomitant using can result toxicity, characterized by dry mouth , urinary retention and sedation. **Conclusion:** These interactions must be recognized by health professionals so they can handle the therapeutic responses of interaction, in order to avoid damage to the patient, or use these interactions favorably to treatment.