

Drug-drug interaction in dental clinic: risks in patients with hypothyroidism

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Hypothyroidism is a clinical condition resulting from insufficient amounts or hormones absence, released by the thyroid gland, thyroxine (T4) and triiodothyronine (T3). This is the most common thyroid disease with a higher incidence in women and people over 60 years. Its clinical implications may increase the risk of drug interaction. Thus, intrinsic patient factors are predictive, because their symptoms require a pharmacological approach. Objective in dental clinic, there is a basic protocol of patients care, although, there is little information of possible drug-drug interaction (DDI) in this case. So, this study is a literature review which addresses possible DDI in patients with hypothyroidism, and also, the therapeutic approaches which may be adopted during dental treatment. This study has researched from bibliographical Portuguese articles, available in full of the following scientific databa-

ses: Virtual Health Library (VHL); Latin American and Caribbean Literature in Health Sciences (LI-LACS); and Scientific Electronic Library and Online (SciELO). In addition, it has fulfilled based on pharmacology and therapy books during the first semester of 2018. In conclusion hypothyroidism compromises the central nervous system, the basal metabolism, the cardiovascular and musculoskeletal systems, which are highly important for body homeostasis. It is important to note the importance of dentists in knowing this disorder in order to be better prepared for the detection of possible cases and referral to appropriate medical specialty and to provide favorable care for patients already diagnosed, being always attentive to possible DDI.

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