

Accepted Manuscript

Title: Moderate-dose simvastatin therapy potentiates the effect of vitamin D on thyroid autoimmunity in levothyroxine-treated women with Hashimoto's thyroiditis and vitamin D insufficiency

Authors: Robert Krysiak, Witold Szkróbka, Bogusław Okopień

PII: S1734-1140(17)30443-7
DOI: <http://dx.doi.org/doi:10.1016/j.pharep.2017.07.019>
Reference: PHAREP 772

To appear in:

Received date: 26-6-2017
Revised date: 19-7-2017
Accepted date: 25-7-2017

Please cite this article as: Robert Krysiak, Witold Szkróbka, Bogusław Okopień, Moderate-dose simvastatin therapy potentiates the effect of vitamin D on thyroid autoimmunity in levothyroxine-treated women with Hashimoto's thyroiditis and vitamin D insufficiency (2010), <http://dx.doi.org/10.1016/j.pharep.2017.07.019>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Moderate-dose simvastatin therapy potentiates the effect of vitamin D on thyroid autoimmunity in levothyroxine-treated women with Hashimoto's thyroiditis and vitamin D insufficiency

Running title: Simvastatin, vitamin D and thyroiditis

Robert Krysiak, Witold Szkróbka and Bogusław Okopień

Department of Internal Medicine and Clinical Pharmacology, Medical University of Silesia, Katowice, Poland

Corresponding author: Robert Krysiak, Department of Internal Medicine and Clinical Pharmacology, Medical University of Silesia, Medyków 18, 40-752 Katowice, Poland. Tel/fax number: 0048 322523902, e-mail address: r.krysiak@interia.pl

Word count: 2396

Number of tables: 2, **number of figures:** 0; **number of references:** 37

Abstract

Background: Vitamin D preparations reduce titers of thyroid antibodies in women with autoimmune thyroiditis. The same effect was induced by high-dose, but not moderate-dose-, statin therapy. No previous study has investigated the impact of concomitant treatment with a statin and vitamin D on thyroid autoimmunity.

Methods: The study included three matched groups of women with Hashimoto's thyroiditis and low vitamin D status. Groups B (n=19) and C (n=20) were treated with vitamin D (2000 IU daily). Because of coexistent hypercholesterolemia, groups A (n=18) and B received simvastatin (40 mg daily). Plasma lipids, serum levels of thyrotropin, free thyroid hormones and 25-hydroxyvitamin D, as well as titers of thyroid peroxidase and thyroglobulin antibodies were measured at the beginning of the study and 6 months later.

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات