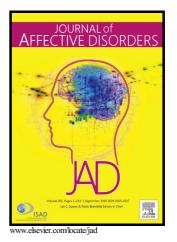
Author's Accepted Manuscript

Thyroid peroxidase antibodies during early gestation and the subsequent risk of first-onset postpartum depression: a prospective cohort study

Richard Wesseloo, Astrid M. Kamperman, Veerle Bergink, Victor J.M. Pop



 PII:
 S0165-0327(17)31247-8

 DOI:
 http://dx.doi.org/10.1016/j.jad.2017.08.058

 Reference:
 JAD9177

To appear in: Journal of Affective Disorders

Received date: 19 June 2017 Revised date: 9 August 2017 Accepted date: 20 August 2017

Cite this article as: Richard Wesseloo, Astrid M. Kamperman, Veerle Bergink and Victor J.M. Pop, Thyroid peroxidase antibodies during early gestation and the subsequent risk of first-onset postpartum depression: a prospective cohort s t u d y , *Journal of Affective Disorders*, http://dx.doi.org/10.1016/j.jad.2017.08.058

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 galley proof before it is published in its final citable 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.

Thyroid peroxidase antibodies during early gestation and the subsequent risk of first-onset postpartum depression: a prospective cohort study

Richard Wesseloo¹, Astrid M. Kamperman¹, Veerle Bergink¹, Victor J.M. Pop²

¹ Erasmus Medical Centre, Department of Psychiatry, Rotterdam, the Netherlands

²Tilburg University, Department of medical and clinical psychology, Tilburg, The Netherlands

*Correspondence to:

Erasmus Medical Centre, Department of Psychiatry, 's Gravendijkwal 230, 3000 CA, Rotterdam, the Netherlands. Tel.: +31 10 703 4308/+31-6-4462-6977. r.wesseloo@erasmusmc.nl

Abstract:

Background:

During the postpartum period, women are at risk for new onset of both auto-immune thyroid disorders and depression. The presence of thyroid peroxidase antibodies (TPO-ab) during early gestation is predictive for postpartum auto-immune thyroid dysfunction. The aim of this study was to investigate the association between TPO-ab status during early gestation and first-onset postpartum depression.

Methods:

Prospective cohort study (n=1075) with follow-up during pregnancy up to one year postpartum. Thyroid function and TPO-ab status were measured during early gestation. Depressive symptomatology was assessed during each trimester and at four time points postpartum with the Edinburgh Depression Scale (EDS). Women with antenatal depression were not eligible for inclusion. Self-reported postpartum depression was defined with an EDS cut-off of ≥ 13 .

Results:

The cumulative incidence of self-reported first-onset depression in the first postpartum year was 6.3%. A positive TPO-ab status was associated with an increased risk for self-reported first-onset depression at four months postpartum (adjusted OR 3.8; 95% CI 1.3-11.6), but not at other postpartum time points. Prevalence rates of self-reported postpartum depression

دريافت فورى 🛶 متن كامل مقاله

- 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
- ISIArticles مرجع مقالات تخصصی ایران