Author’s Accepted Manuscript

Retinal Photography: A Window into the Cardiovascular-Brain Link in Adolescent Bipolar Disorder

Melanie R. Naiberg, Jessica K. Hatch, Beth Selkirk, Lisa Fiksenbaum, Victor Yang, Sandra Black, Peter J. Kertes, Benjamin I. Goldstein

PII: S0165-0327(17)30439-1
DOI: http://dx.doi.org/10.1016/j.jad.2017.04.066
Reference: JAD8940

To appear in: Journal of Affective Disorders

Received date: 27 February 2017
Revised date: 21 April 2017
Accepted date: 28 April 2017

Cite this article as: Melanie R. Naiberg, Jessica K. Hatch, Beth Selkirk, Lisa Fiksenbaum, Victor Yang, Sandra Black, Peter J. Kertes and Benjamin I. Goldstein, Retinal Photography: A Window into the Cardiovascular-Brain Link in Adolescent Bipolar Disorder, Journal of Affective Disorders, http://dx.doi.org/10.1016/j.jad.2017.04.066

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...
Objectives: The burden of cardiovascular disease in bipolar disorder (BD) exceeds what can be explained by traditional cardiovascular risk factors (CVRFs), lifestyle, and/or medications. Moreover, neurocognitive deficits are a core feature of BD, and are also related to CVRFs. We examined retinal vascular photography, a proxy for cerebral microvasculature, in relation to CVRFs, peripheral microvascular function, and neurocognition among BD adolescents.

Methods: Subjects were 30 adolescents with BD and 32 healthy controls (HC). Retinal photography was conducted using a Topcon TRC 50 DX, Type IA camera, following pupil dilation. Retinal arteriolar and venular caliber was measured, from which the arterio-venular ratio (AVR) was computed. All measures were conducted masked to participant diagnosis. Peripheral arterial
دریافت فوری
متن کامل 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