## **Accepted Manuscript**

Psychological Characteristics and Pain Frequency Are Associated with Experimental Pain Sensitivity in Pediatric Patients with Sickle Cell Disease

Nitya Bakshi, MBBS, MS, Ines Lukombo, Helen Shnol, BS, Inna Belfer, MD, PhD, Lakshmanan Krishnamurti, MD.

PII: \$1526-5900(17)30599-0

DOI: 10.1016/j.jpain.2017.05.005

Reference: YJPAI 3426

To appear in: Journal of Pain

Received Date: 10 November 2016

Revised Date: 20 April 2017 Accepted Date: 6 May 2017

Please cite this article as: Bakshi N, Lukombo I, Shnol H, Belfer I, Krishnamurti L, Psychological Characteristics and Pain Frequency Are Associated with Experimental Pain Sensitivity in Pediatric Patients with Sickle Cell Disease, *Journal of Pain* (2017), doi: 10.1016/j.jpain.2017.05.005.

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.



ACCEPTED MANUSCRIP

Psychological Characteristics and Pain Frequency Are Associated with Experimental Pain

Sensitivity in Pediatric Patients with Sickle Cell Disease

Nitya Bakshi, MBBS, MS <sup>1,2,3</sup>, Ines Lukombo<sup>1,2</sup>, Helen Shnol, BS<sup>2,4</sup>, Inna Belfer, MD, PhD<sup>2,5</sup> and

Lakshmanan Krishnamurti, MD. 1,2,3

Affiliations: <sup>1</sup>Department of Pediatric Hematology-Oncology, Children's Hospital of Pittsburgh;

<sup>2</sup>University of Pittsburgh

Current Institution and address: <sup>3</sup>Emory University, Department of Pediatric Hematology/ Oncology/

BMT\*, Aflac Cancer and Blood Disorders Center, 2015 Uppergate Drive, Atlanta, GA 30322, USA, Tel 1-

404-727-0710 Fax: 1-404-785-1421; <sup>4</sup>California School of Podiatric Medicine, 3100 Telegraph Avenue,

Oakland, CA 94609; (\*Note: Research study conducted at institution different from current institution for

N.B, H.S and L.K)

Corresponding author: Lakshmanan Krishnamurti, MD, Emory University, Ikrishn@emory.edu

Disclosures: 1) This study was funded in part by a pilot grant from the Vascular Medicine Institute(VMI)

and Clinical and Translational Science Institute(CTSI) Pilot Grant Program at the University of Pittsburgh.

2) N.B received the Sickle Cell Disease Association of America (SCDAA) Research Scholar Award. The

author(s) declare that they have no conflicts of interest.

Acknowledgments: The authors thank the patients and their families for participating in this research

study. The authors acknowledge Jodi Martin, BS for her assistance as a research coordinator and Srikant

Rangaraju, MBBS, MS for assistance with statistical analysis and editing of the manuscript.

Running title: Experimental Pain Sensitivity in SCD

ABSTRACT:

1

## دريافت فورى ب

## ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
  - ✓ امكان دانلود نسخه ترجمه شده مقالات
    - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
  - ✓ امكان دانلود رايگان 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