

Accepted Manuscript

Title: The Impact of Acid Suppression Medications and Non-steroidal Anti-Inflammatory Drugs on Clinical and Histologic Features in Celiac Disease

Authors: Robyn Jordan, Sarah Shannahan, Suzanne K. Lewis, Suneeta Krishnareddy, Daniel A. Leffler, Peter H.R. Green, Benjamin Lebwohl



PII: S1590-8658(17)30798-3
DOI: <http://dx.doi.org/doi:10.1016/j.dld.2017.03.018>
Reference: YDL D 3411

To appear in: *Digestive and Liver Disease*

Received date: 23-12-2016
Accepted date: 15-3-2017

Please cite this article as: Jordan Robyn, Shannahan Sarah, Lewis Suzanne K, Krishnareddy Suneeta, Leffler Daniel A, Green Peter HR, Lebwohl Benjamin. The Impact of Acid Suppression Medications and Non-steroidal Anti-Inflammatory Drugs on Clinical and Histologic Features in Celiac Disease. *Digestive and Liver Disease* <http://dx.doi.org/10.1016/j.dld.2017.03.018>

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.

The Impact of Acid Suppression Medications and Non-steroidal Anti-Inflammatory Drugs on Clinical and Histologic Features in Celiac Disease

Running title: Celiac Disease and Gastric Medications

Robyn Jordan¹, Sarah Shannahan², Suzanne K. Lewis³, Suneeta Krishnareddy³, Daniel A. Leffler², Peter H.R. Green³, and Benjamin Lebwohl^{3,4*}

¹Icahn School of Medicine at Mount Sinai

²Celiac Center, Beth Israel Deaconess Medical Center

³Celiac Disease Center, Department of Medicine, Columbia University Medical Center

⁴Department of Epidemiology, Mailman School of Public Health, Columbia University Medical Center

*** Correspondence and reprint requests:**

Benjamin Lebwohl

The Celiac Disease Center at Columbia University

180 Fort Washington Avenue, Suite 936

New York, NY 10032

E-mail: BL114@columbia.edu

ABSTRACT

Introduction: The prevalence of celiac disease (CD) in the US has increased in past decades, as has use of proton pump inhibitors (PPIs), histamine-2-receptor antagonists (H2RAs), aspirin (ASA) and nonsteroidal anti-inflammatory drugs (NSAIDs). We aimed to measure the association between medication use and distribution of villous flattening (VF) among newly diagnosed CD patients.

Methods: We performed a cross-sectional study of adult patients with newly-diagnosed CD at two institutions. We collected data on regular use of these medications, clinical presentation, CD serologic status, and distribution of VF. We compared current ASA/NSAID users to non-users, and current PPI/H2RA users to non-users, with regard to these clinical characteristics.

Download English Version:

<https://daneshyari.com/en/article/5655374>

Download Persian Version:

<https://daneshyari.com/article/5655374>

[Daneshyari.com](https://daneshyari.com)