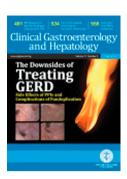
### **Accepted Manuscript**

Efficacy of Granulocyte Colony Stimulating Factor and N-acetyl Cysteine Therapies in Patients with Severe Alcoholic Hepatitis

Virendra Singh, Amarjit Keisham, Ashish Bhalla, Navneet Sharma, Ritesh Agarwal, Ratiram Sharma, Akash Singh



PII: S1542-3565(18)30110-1 DOI: 10.1016/j.cgh.2018.01.040

Reference: YJCGH 55676

To appear in: Clinical Gastroenterology and Hepatology

Accepted Date: 21 January 2018

Please cite this article as: Singh V, Keisham A, Bhalla A, Sharma N, Agarwal R, Sharma R, Singh A, Efficacy of Granulocyte Colony Stimulating Factor and N-acetyl Cysteine Therapies in Patients with Severe Alcoholic Hepatitis, *Clinical Gastroenterology and Hepatology* (2018), doi: 10.1016/j.cgh.2018.01.040.

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 MANUSCRIPT

Singh et al, G-CSF and NAC in alcoholic hepatitis

# Efficacy of Granulocyte Colony Stimulating Factor and N-acetyl Cysteine Therapies in Patients with Severe Alcoholic Hepatitis

(Short title: G-CSF and NAC in alcoholic hepatitis)

Virendra Singh,<sup>1</sup> Amarjit Keisham,<sup>2</sup> Ashish Bhalla,<sup>2</sup> Navneet Sharma,<sup>2</sup> Ritesh Agarwal,<sup>3</sup> Ratiram

Sharma, <sup>4</sup> Akash Singh<sup>1</sup>

Departments of <sup>1</sup>Hepatology, <sup>2</sup>Internal Medicine, <sup>3</sup>Pulmonary Medicine and <sup>4</sup>Transfusion Medicine, Post Graduate Institute of Medical Education and Research, Chandigarh (INDIA)

**Guarantor of the article:** Virendra Singh, M.D., D.M.

**Specific author contributions:** Virendra Singh: development of the protocol and the study, patient enrollment and follow-up, and manuscript writing and data analysis; Amarjit Keisham: patient enrollment and follow-up, data collection and analysis, and statistical calculations; Navneet Sharma, and Ashish Bhalla: patient enrollment; Ratiram Sharma: estimation of CD34+cells; Ritesh Agarwal: manuscript writing and statistical calculations; Akash Singh: manuscript writing and statistical calculations.

**Financial support:** The authors who have taken part in this study declare that partial funding was done for conducting this trial by the society for the study of liver diseases.

#### Potential competing interests: None.

#### **Abbreviations:**

AH: Alcoholic hepatitis

ACLF:acute-on-chronic liver failure

ALT: alanine aminotransferase

AST: aspartate aminotransferase;

G-CSF: Granulocyte colony stimulating factor

CD34: Stem cell marker

CTP: Child-Turcotte-Pugh score

MELD: Model for end stage liver disease

mDF: modified discriminant function

NAC:N-Acetyl Cysteine

**Acknowledgments:** This trial is registered with ClincalTrials.gov (NCT02971306).Part of the paper presented as a late breaking abstract-oral session at The Liver Meeting 2016, AASLD's 67<sup>th</sup> Annual Meeting, November 11 - November 15, 2016 in Boston.

#### Download English Version:

## https://daneshyari.com/en/article/10217881

Download Persian Version:

https://daneshyari.com/article/10217881

<u>Daneshyari.com</u>