Accepted Manuscript

Characterization of astrovirus-associated gastroenteritis in hospitalized children under five years of age

Hassan Zaraket, Hadi Abou-El-Hassan, Khalil Kreidieh, Nadia Soudani, Zainab Ali, Moza Hammadi, Lina Reslan, Soha Ghanem, Farah Hajar, Adlette Inati, Mariam Rajab, Hassan Fakhouri, Bassam Ghanem, Ghassan Baasiri, Nada M. Melhem, Ghassan Dbaibo



PII: S1567-1348(17)30176-4

DOI: doi: 10.1016/j.meegid.2017.05.016

Reference: MEEGID 3152

To appear in: Infection, Genetics and Evolution

Received date: 15 February 2017 Revised date: 28 April 2017 Accepted date: 19 May 2017

Please cite this article as: Hassan Zaraket, Hadi Abou-El-Hassan, Khalil Kreidieh, Nadia Soudani, Zainab Ali, Moza Hammadi, Lina Reslan, Soha Ghanem, Farah Hajar, Adlette Inati, Mariam Rajab, Hassan Fakhouri, Bassam Ghanem, Ghassan Baasiri, Nada M. Melhem, Ghassan Dbaibo, Characterization of astrovirus-associated gastroenteritis in hospitalized children under five years of age, *Infection, Genetics and Evolution* (2017), doi: 10.1016/j.meegid.2017.05.016

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

Characterization of astrovirus-associated gastroenteritis in hospitalized children under five years of age

Hassan Zaraket^{1,2,#}, Hadi Abou-El-Hassan^{1,2}, Khalil Kreidieh³, Nadia Soudani^{1,2,4}, Zainab Ali^{2,5}, Moza Hammadi^{2,5}, Lina Reslan^{2,6}, Soha Ghanem^{2,5}, Farah Hajar^{2,5}, Adlette Inati⁷, Mariam Rajab⁸, Hassan Fakhouri⁹, Bassam Ghanem¹⁰, Ghassan Baasiri¹¹, Nada M Melhem^{2,3#}, Ghassan Dhaibo^{2,5,6#}

1Department of Experimental Pathology, Immunology & Microbiology, Faculty of Medicine, American University of Beirut, P.O. Box 11-0236 Riad El Solh 1107-2020, Beirut, Lebanon 2Center for Infectious Diseases Research, Faculty of Medicine, American University of Beirut,

3Medical Laboratory Sciences Program, Faculty of Health Sciences, American University of Beirut, P.O. Box 11-0236 Riad El Solh 1107-2020, Beirut, Lebanon

4Department of Biology, Faculty of Sciences, EDST, Lebanese University, Lebanon

5Department of Pediatrics and Adolescent Medicine, Faculty of Medicine, American University of Beirut Medical Center, P.O. Box 11-0236 Riad El Solh 1107-2020, Beirut, Lebanon

6Department of Biochemistry and Molecular Genetics, Faculty of Medicine, American University of Beirut, P.O. Box 11-0236 Riad El Solh 1107-2020, Beirut, Lebanon

7Department of Pediatrics, Nini Hospital, Tripoli, Lebanon

P.O. Box 11-0236 Riad El Solh 1107-2020, Beirut, Lebanon

8Department of Pediatrics, Makassed General Hospital, Beirut, Lebanon

9Department of Pediatrics, Rafic Hariri University Hospital, Beirut, Lebanon

10Department of Pediatrics, Nabatieh Governmental Hospital, Nabatieh, Lebanon

11Department of Pediatrics, Hammoud Hospital, Saida, Lebanon

#Correspondence to:

Hassan Zaraket, PhD, Department of Pathology, Immunology, and Microbiology, Center for Infectious Diseases Research, Faculty of Medicine, American University of Beirut, P.O. Box 11-0236 Riad El Solh 1107-2020, Beirut, Lebanon. hz34@aub.edu.lb

Telephone: +961-1-350000 ext. 7712 **ORCID ID**: 0000-0003-3807-6409

1

Download English Version:

https://daneshyari.com/en/article/5590662

Download Persian Version:

https://daneshyari.com/article/5590662

<u>Daneshyari.com</u>