Accepted Manuscript

Title: Rare but not forgotten: A case of meningitis due to ceftriaxone-resistant *Streptococcus pneumoniae*

Authors: Naomi Hauser, Miguel E. Cervera-Hernandez, John Lonks, Najam Zaidi

PII: S2214-2509(17)30246-9

DOI: https://doi.org/10.1016/j.idcr.2018.01.008

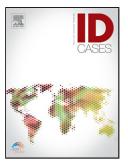
Reference: IDCR 348

To appear in:

Received date: 22-12-2017 Revised date: 20-1-2018 Accepted date: 20-1-2018

Please cite this article as: Naomi Hauser, Miguel E.Cervera-Hernandez, John Lonks, Najam Zaidi, Rare but not forgotten: A case of meningitis due to ceftriaxone-resistant Streptococcus pneumoniae (2010), https://doi.org/10.1016/j.idcr.2018.01.008

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

Title Page

Rare but not forgotten: A case of meningitis due to ceftriaxone-resistant *Streptococcus pneumoniae*

Running title:

Resistant S. pneumoniae meningitis

Naomi Hauser*(1), Miguel E. Cervera-Hernandez(1), John Lonks(2), Najam Zaidi(3)

- (1) Department of Medicine, Roger Williams Medical Center, Providence, Rhode Island
- (2) Division of Infectious Disease, Brown University School of Medicine, Providence, Rhode Island
- (3) Division of Infectious Disease, Roger Williams Medical Center, Providence, Rhode Island
- * Corresponding author:

Roger Williams Medical Center, 825 Chalkstone Ave, Providence, RI, 02908. naomi.hauser@gmail.com 202-641-6186

Abstract:

Despite the dramatic decrease in invasive pneumococcal disease since the widespread use of the first pneumococcal vaccine, invasive and resistant disease still occurs. We present a case of ceftriaxone-resistant pneumococcal meningitis suggesting that continued vigilance is warranted for empiric treatment of meningitis when *Streptococcus pneumoniae* is a concern.

Kevwords:

Streptococcus pneumoniae, meningitis, ceftriaxone resistance

Introduction:

Invasive pneumococcal disease (IPD) has dramatically decreased since the introduction of the pneumococcal conjugate vaccine 7 in 2000, and the rate of IPD due to resistant pneumococci dropped over 50% from 1999 to 2004 (1). Meningitis due to ceftriaxone-resistant *Streptococcus pneumoniae* still occurs but is uncommon—96.4% of *S. pneumoniae* isolated from meningitis patients between 2001 and 2015 in Rhode Island (RI) were susceptible to ceftriaxone (2).

In 1994, a 33-year-old man in RI with pneumococcal meningitis failed to respond to therapy with ceftriaxone and dexamethasone (3). He developed hydrocephalus and grand mal seizures, and his antimicrobial regimen was switched to IV vancomycin

Download English Version:

https://daneshyari.com/en/article/8745729

Download Persian Version:

https://daneshyari.com/article/8745729

<u>Daneshyari.com</u>