

American Journal of Perinatology Reports

Ischemic hepatitis and septic shock secondary to murine typhus infection in pregnancy

Marissa Berry, Amanda Wang, Rana Lahham, Xue Zhang, Luis Pacheco.

Affiliations below.

DOI: 10.1055/a-2330-4249

Please cite this article as: Berry M, Wang A, Lahham R et al. Ischemic hepatitis and septic shock secondary to murine typhus infection in pregnancy. American Journal of Perinatology Reports 2024. doi: 10.1055/a-2330-4249

Conflict of Interest: The authors declare that they have no conflict of interest.

Abstract:

Infection with murine typhus may be associated with significant morbidity. With nonspecific symptoms and laboratory abnormalities, diagnosis may be challenging. In this case, a pregnant patient presented with complaints of fevers and myalgias. Her laboratory results included severe transaminitis as well as thrombocytopenia and hyponatremia. She ultimately required vasopressor support and intensive care unit admission despite fluid resuscitation and broad-spectrum antibiotics. Empiric doxycycline was initiated due to suspicion for murine typhus, which laboratory testing later confirmed. Her clinical status improved with these interventions. This was a severe case of murine typhus resulting in septic shock and ischemic hepatitis. It is important to know the typical findings of murine typhus and consider it in a differential diagnosis, especially when practicing in endemic areas.

Corresponding Author:

Dr. Marissa Berry, The Ohio State University, Columbus, United States, berry.marissaj@gmail.com

Affiliations:

Marissa Berry, The Ohio State University, Columbus, United States

Amanda Wang, The University of Texas Medical Branch at Galveston, Ob/Gyn, Galveston, United States

Rana Lahham, The University of Texas Medical Branch at Galveston, Galveston, United States

Xue Zhang, The University of Texas Medical Branch at Galveston, Department of Obstetrics and Gynecology, Galveston, United States

Luis Pacheco, University of Texas Medical Branch, Obstetrics & Gynecology, Galveston, United States

).



