



The Journal of Maternal-Fetal & Neonatal Medicine >

Volume 24, 2011 - Issue 8

495 | 27 | 0
Views | CrossRef citations to date | Altmetric

Short Report

Lack of antenatal care, education, and high maternal mortality in Kassala hospital, eastern Sudan during 2005-2009

Abdel Aziem A. Ali & Ishag Adam

Pages 1077-1078 | Received 11 Mar 2010, Accepted 19 Nov 2010, Published online: 13 Jan 2011

Cite this article <https://doi.org/10.3109/14767058.2010.545908>



Full Article

Figures & data

References

Citations

Metrics

Reprints & Permissions

Read this article

Share

Abstract

The aim of this study was to investigate the incidence and causes of maternal deaths at Kassala maternity hospital, eastern Sudan during 2005-2009. All maternal deaths during this period were reviewed and classified retrospectively. The medical file of consequent women who were discharged from the same ward in the hospital was reviewed to act as control for the maternal death. There were 132 maternal deaths and 20,485 (644/100,000) live births. Septicemia, preeclampsia/eclampsia, hemorrhage, anemia, viral hepatitis, and malaria were the causes for maternal mortality. Primipare (OR=3.3, CI=1.6-6.9, p=0.001), lack of antenatal care (OR=3.9, CI=1.6-9.5, p=0.002), illiteracy (OR=2.6, CI=1.4-4.8, p=0.002), and rural residence (OR=2.2, CI=1.2-4.1; p=0.008) were the predictors for maternal death. The levels of maternal

education and antenatal attendance should be raised to reduce the high maternal mortality.

Keywords:

Maternal mortality

preeclampsia

anemia

pregnancy

malaria

Sudan

Declaration of interest: The authors report no conflicts of interest. The authors alone are responsible for the content and writing of the paper.

Related Research Data

[Education, prenatal care, and poor perinatal outcome in Khartoum, Sudan](#)

Source: International Journal of Gynecology & Obstetrics

[High maternal mortality and stillbirth in the Wad Medani Hospital, Central Sudan, 2003-2007](#)

Source: Tropical Doctor

[High perinatal mortality in Darfur, Sudan](#)

Source: The Journal of Maternal-Fetal & Neonatal Medicine

[The influence of the war on perinatal and maternal mortality in Bosnia and Herzegovina](#)

Source: The Journal of Maternal-Fetal & Neonatal Medicine

[Maternal Mortality At The State Specialist Hospital Bauchi, Northern Nigeria](#)

Source: East African Medical Journal

Linking provided by  Scholes Explorer

Related research

People also read

Recommended articles

Cited by
27

Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources
by email

 Sign me up

  

  

Copyright © 2026 Informa UK Limited Privacy policy Cookies Terms & conditions

Accessibility



Registered in England & Wales No. 01072954
5 Howick Place | London | SW1P 1WG