

VOLUME 39, NUMBER 1  
January 2022

ISSN 0189 - 160X

---

# WAJMJ

---

**WEST AFRICAN JOURNAL OF MEDICINE**

ORIGINALITY AND EXCELLENCE IN MEDICINE AND SURGERY



**OFFICIAL PUBLICATION OF**  
THE WEST AFRICAN COLLEGE OF PHYSICIANS *AND*  
WEST AFRICAN COLLEGE OF SURGEONS



[www.wajmed.org](http://www.wajmed.org)



## TABLE OF CONTENTS

GENERAL INFORMATION	1C
INFORMATION FOR AUTHORS	1F
EDITORIAL NOTES .....	1
<b>ORIGINAL ARTICLES</b>	
<b>Clinical Significance of Elevated Levels of Cardiac Troponin T in Patients with Chronic Kidney Disease at Lagos University Teaching Hospital, Lagos .....</b>	<b>3</b>
O. I. Ajie, E. C. Azinge, B. T. Bello, T. A. Oshodi, O. O. Soriyan, I. C. Udenze	
<b>Clinical Audit of Low Dose Prophylaxis Programme for Nigerian Children with Haemophilia .....</b>	<b>11</b>
T. U. Nwagha, H. C. Okoye, C. E. Udo, S. Yuguda, K. I. Korubo, T. A. Adeyemo	
<b>Identifying the Clinical and Histological Risk Factors affecting Post-Biopsy Voiding Efficiency: An Observational Closed Cohort Study .....</b>	<b>16</b>
M. A. Tolani, B. K. Hamza, M. Awaisu, A. O. Afolayan, A. T. Lawal, A. Bello	
<b>Maternal Outcomes of Eclampsia at the Lagos University Teaching Hospital: A Six-Year Retrospective Review .....</b>	<b>20</b>
A. A. Oluwole, A. O. Ugwu, A. P. Soibi-Harry, S. R. Garba, K. S. Okunade, C. C. Makwe, E. Owie, S.I. Omisakin, N.K. Ani-Ugwu, I. T. Okafor, U. Ifezue, J. A. Olamijulo	
<b>Prevalence of Needle Stick and Sharps Injury and Hepatitis B Vaccination among Healthcare Workers in a South-East Nigerian Tertiary Hospital .....</b>	<b>24</b>
C. U. Onubogu, E. I. Nwaneli, C. G. Chigbo, M. C. Egbuniwe, R. O. Egeonu, S. N. Chukwurah, N. P. Maduekwe, I. Onyeyili, C. P. Umobi, O. F. Emelumadu	
<b>Principles of Manual Tissue Processing in an Oral and Maxillofacial Pathology Laboratory in Lagos, Nigeria .....</b>	<b>31</b>
U. P. Egbunah, A. O. Akinshipo, O. F. Ajayi	
<b>Multiple Blood Transfusion may contribute to Abnormal Liver and Endocrine Functions in Adults with Sickle Cell Anaemia</b>	<b>39</b>
O. A. Adeyeye, L. Salawu	
<b>Evaluation of Asymptomatic Malaria Antigenaemia and Parasitaemia in Human Immunodeficiency Virus-Infected Children in Benin City, Nigeria .....</b>	<b>45</b>
M. O. Ibadin, N. Eghafona	
<b>Etiology and Clinical Evaluation of Patients with Bronchiectasis in a Tertiary Hospital in Nigeria .....</b>	<b>52</b>
V. A. Umoh, D. D. Alasia, E. E. Akpan, U. Ekrikpo, E. E. Ekpe, M. E. Ekwere, E. Peters	
<b>Paediatric Cardiac Anaesthesia at the Obafemi Awolowo University Teaching Hospital, Ile-Ife, Nigeria: The Hurdles, Struggles, and Successes .....</b>	<b>59</b>
A. T. Adenekan, A. M. Owojuyigbe, O. I. Aaron, O. O. Ojo	
<b>Vitiligo in the City of Bukavu ( Democratic Republic of Congo) .....</b>	<b>66</b>
M. Ngolo, P. Yassa, B. Ndayazi	
<b>Vitamin D Level in Patients Receiving Highly Active Antiretroviral Therapy in LAUTECH Teaching Hospital, Ogbomoso .....</b>	<b>70</b>
A. A. Salawu, T. W. Oloyede, E. O. Oke, O. T. Oladibu, S. A. Ojedokun, S. O. Oiwoh, K. I. Oreagba	
<b>Risk Factors of Skin Diseases among School Children in South Eastern Communities in Nigeria .....</b>	<b>76</b>
O. Ewurum, C. A. Ibeneme, T. O. Nnaji, A. N. Ikefuna	
<b>Efficacy of Hexetidine, Thymol and Hydrogen Peroxide-Containing Oral Antiseptics in Reducing Sars-Cov-2 Virus in the Oral Cavity: A Pilot Study .....</b>	<b>83</b>
S. A. Ogun, O. Erinoso, O. O. Aina, O. I. Ojo, O. Adejumo, A. Adeniran, A. Bowale, C. A. Olaniyi, B. M. Adedoyin, B. Mutiu, B. Saka, O. Oshinaike, W. Arabambi, F. Adejumo, O. Shuaib, A. O. Salmon, H. Abdur-Razzaq, O. F. Njokanma, O. Ojini, O. Ogboye, O. Lajide, K. O. Wright, A. Osibogun, A. Abayomi	
<b>CASE REPORT</b>	
<b>Tramadol-Induced Acute Seizures: A Report of Three Cases .....</b>	<b>90</b>
M. B. Fawale, A. A. Adebowale, A. O. Idowu, S. A. Balogun, A. A. Sanusi, M. A. Komolafe	
<b>INDEX TO VOLUME 39, NO. 1, 2022</b>	
<b>Author Index .....</b>	<b>95</b>
<b>Subject Index .....</b>	<b>96</b>
<b>ERRATTA – WAJM 38(12) 2021 – An Assessment of Perceived Stigmatization of Patients Infected with COVID-19 in the Nation’s Epicenter of the Pandemic: A Cross-Sectional Study of Residents of Agege, Lagos, Nigeria.....</b>	<b>97</b>
O. A. Babatunde, S.A Owoicho, S.T. Sunday, A. Akande, B. M. Yesufu, I. M. Akanbi, M. D. Dairo	



### Maternal Outcomes of Eclampsia at the Lagos University Teaching Hospital: A Six-Year Retrospective Review

#### *Maternal Outcomes of Eclampsia at the Lagos University Teaching Hospital: A Six-Year Retrospective Review*

<sup>1,2</sup>A. A. Oluwole, <sup>2\*</sup>A. O. Ugwu, <sup>2</sup>A. P. Soibi-Harry, <sup>2</sup>S. R. Garba, <sup>1,2</sup>K. S. Okunade, <sup>1,2</sup>C. C. Makwe, <sup>2</sup>E. Owie, <sup>1,2</sup>S. I. Omisakin, <sup>3</sup>N. K. Ani-Ugwu, <sup>1</sup>I. T. Okafor, <sup>4</sup>U. Ifezue, <sup>1,2</sup>J. A. Olamijulo

#### ABSTRACT

**BACKGROUND:** Eclampsia is one of the leading causes of maternal morbidity and mortality.

**OBJECTIVES:** To determine the incidence as well as the maternal outcomes of eclampsia at the Lagos University Teaching Hospital (LUTH).

**METHODS:** This was a retrospective review.

**RESULTS:** During the six-year review period, 4182 women gave birth at our facility, out of which 67 cases of eclampsia were diagnosed (16 per 1000 deliveries). Four women died constituting a case fatality rate of 5.9%. Fifteen women were admitted to the intensive care unit, 6 women had acute kidney injury while 5 had abruptio placentae. Further comparison of our data with previous studies from our institution decades ago showed a continuous decrease in total number of eclamptic cases presenting to our facility (572 eclamptics in 1977–1986, 299 ECLAMPTICS IN 1986–1995, 165 IN 1996-2005 AND 67 IN 2015–2020).

**CONCLUSION:** The case fatality rate from eclampsia is still high in our hospital. Increased utilisation of antenatal care may play an important role in improving the maternal outcomes from this life-threatening obstetric condition. There is need for maternal education and increase awareness on the importance of antenatal care and early referral to tertiary level of care in order to reverse this trend. **WAJM 2022; 39(1): 20–23.**

**Keywords:** Eclampsia, maternal outcomes, Pregnancy, hypertension, Lagos.

#### RÉSUMÉ

**CONTEXTE:** L'éclampsie est l'une des principales causes de morbidité et de mortalité maternelles.

**OBJECTIFS:** Déterminer l'incidence ainsi que les issues maternelles de l'éclampsie à l'hôpital universitaire de Lagos (LUTH).

**METHODES:** Il s'agissait d'une revue rétrospective.

**RESULTATS:** Au cours de la période d'examen de six ans, 4 182 femmes ont accouché dans notre établissement, dont 67 cas d'éclampsie ont été diagnostiqués (9,5 pour 1 000 accouchements). Quatre femmes sont décédées, soit un taux de létalité de 5,9%. Quinze femmes ont été admises à l'unité de soins intensifs, 6 femmes avaient une lésion rénale aiguë tandis que 5 avaient un décollement placentaire. Une comparaison plus poussée de nos données avec des études antérieures de notre institution il y a des décennies a montré une diminution continue du nombre total de cas d'éclampsie se présentant à notre établissement (572 éclamptiques en 1977–1986, 299 éclamptiques en 1986-1995, 165 en 1996-2005 et 67 en 2015–2020).

**CONCLUSION:** Le taux de létalité de l'éclampsie est encore élevé dans notre hôpital. L'utilisation accrue des soins prénatals peut jouer un rôle important dans l'amélioration des résultats maternels de cette affection obstétricale potentiellement mortelle. Il est nécessaire d'éduquer les mères et d'accroître la sensibilisation à l'importance des soins prénatals et de l'orientation précoce vers le niveau de soins tertiaires afin d'inverser cette tendance. **WAJM 2022; 39(1): 20–23.**

**Mots clés:** Éclampsie, issues maternelles, Grossesse, hypertension, Lagos.

<sup>1</sup>Department of Obstetrics and Gynaecology, College of Medicine, University of Lagos/Lagos University Teaching Hospital, Idi-Araba, Lagos, Nigeria. <sup>2</sup>Department of Obstetrics and Gynaecology, Lagos University Teaching Hospital, Idi-Araba, Lagos, Nigeria. <sup>3</sup>Department of Medicine, Lagos University Teaching Hospital, Idi-Araba, Lagos, Nigeria. <sup>4</sup>Department of Anaesthesia, Lagos University Teaching Hospital, Idi-Araba, Lagos, Nigeria.

\*Correspondence: Dr. Aloy Okechukwu Ugwu, Department of Obstetrics and Gynaecology Lagos University Teaching Hospital, Idi-Araba, P.M.B. 12003, Surulere, Lagos, Nigeria. Email: okeyugwu92@gmail.com Phone: +2347033132189

Abbreviations: