

Abstract

NMA/AGSM/2022/OBGYN/008 - Caesarian Section in a Private Hospital, in Southeast Nigeria: A 2-Year Review

*Onyekwelu Jide

Obinwanne Hospital and Maternity, Nkpor, Anambra State, Nigeria.

Abstract

Background: Most reports of the rate of Caesarean Sections (C/S) in Nigeria come from tertiary hospitals. The aim of this study is to make input from the private sector. The objective is to determine the outcome of C/S in a private hospital in Nigeria.

Methodology: This is a retrospective study of deliveries in a private hospital from January 1, 2019, to December 31, 2020. Data analysis was done with SPSS version 20. Z test and χ^2 were used to summarize characteristics of variables and C/S rate. Values with $P < 0.05$ are taken as significant.

Results: There were 381 deliveries in 2019, and 30 (7.87%) were by C/S. In 2020 there were 410 deliveries, 56 (13.66%) were by C/S and the rise is significant, $p = 0.008$. The overall C/S rate was 10.87%. Mothers' mean age was 30.58 years, standard deviation (SD) 5.28, range of 20 to 48 years. The commonest indication for C/S was prolonged labour followed by obstructed labour and two or more previous C/S. There was one maternal death with a case fatality rate of 1.16% and five foetal losses. The commonest postoperative complication was wound sepsis which occurred in four cases, 4.7%. There is no difference in outcomes of elective and emergency C/S, $p = 0.366$. Conclusion C/S rate is within WHO recommendation. Most C/S come as an emergency. The outcome of C/S is good. There is no difference in the outcome of emergency C/S and elective ones.

Keywords: Caesarean Section; Obstetrics; Emergency; Elective; Outcome, Private Hospital.

Corresponding Author: *Jide Onyenkwelu, Obinwanne Hospital and Maternity, Nkpor, Anambra State, Nigeria. drjideonyekwelu@yahoo.com

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