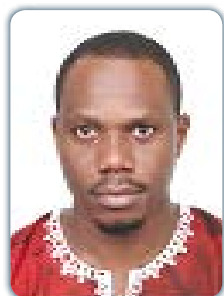


18<sup>th</sup> International Conference on

# World Analytical Chemistry & Mass Spectrometry & World HPLC, Separation Techniques & Pharmacovigilance

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## Obi Uchenna

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### An assessment of nurses' Knowledge Attitude and Practice (KAP) of pharmacovigilance

**Purpose:** The objective of the study is to assess nurses' Knowledge, Attitude and Practice (KAP) of pharmacovigilance.

**Methods:** This is a cross-sectional study that utilizes a questionnaire to evaluate nurses' KAP of pharmacovigilance at the University Hospital of the West Indies, Mona. A sample size of 234 nurses was selected using a 95% confidence level with the raosoft online sample size calculator. Data obtained from filled questionnaires were analyzed using the SPSS 20 using descriptive and inferential measures. The chi-square test was used to test the association between two attributes at a  $P < 0.05$  significant level.

**Results:** 209 responses were received from 260 distributed questionnaires, giving an 80% response rate. 13.5% of the nurses had heard of the term pharmacovigilance prior to the study. 58.4% correctly stated the functions of pharmacovigilance. Results for attitude towards pharmacovigilance revealed 93.7% of the nurses felt it was a professional obligation to report Adverse Drug Reactions (ADR). 55.3% of nurses indicated they had reported an ADR. A  $\chi^2$  test of independence was performed to determine an association between nurses who noted ADRs in clinical practice and nurses who reported ADRs. Results showed a significant association between these two variables,  $\chi^2 (1) = 86.642, p < 0.05$ .

**Conclusion:** This study concludes that the registered nurses at UHWI had a good attitude towards pharmacovigilance, although their knowledge and practice was limited. Recommendation from the study includes instituting pharmacovigilance training programs that will improve nurses' knowledge and hopefully impact their practice.

### Biography

Uchenna Obi was born in Lagos Nigeria, with a migration to Jamaica in 2007 for educational pursuits, Uchenna Obi holds a Bachelor of Science degree in Nursing from the Northern Caribbean University in Mandeville Jamaica. While working as a Registered Nurse at the University Hospital of the West Indies Jamaica, he went on to obtain a Post-graduate certificate in Critical Care Nursing, together with a Master of Science degree in Applied Pharmacology from the University of the West Indies, Jamaica. Uchenna is a Registered/Critical Care Nurse who is committed to applying quality research to clinical practice for the improvement of patient outcomes and over-all health safety of the public. His research article is published in the Journal of Clinical Review & Case Reports.

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### Notes: