

**Ethical Practices, Perceived Usefulness and Usage of Electronic Medical Records by
Health Information Management Professionals in Federal Tertiary Hospitals, Lagos State,
Nigeria**

**Obiorah Anthony EDOZIE
LCU/PG/002061**

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Communication and Information Sciences, Lead City University, Ibadan, Oyo State, Nigeria**

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Certification

This is to certify that this research project was carried out by Obiorah Anthony EDOZIE (Matric No. **LCU/PG/002061**) of the Department of Information Management, Faculty of Communication and Information Sciences, Lead City University, Ibadan, Oyo State, Nigeria. in partial fulfillment of the requirement for the award of Master of Science (M.Sc) Degree in Health Information Management and has not been previously submitted.

Dr. Sunday O. Tunmibi
Project Supervisor

Date

Dr. (Mrs.) Sophia V. Adeyeye
Head of Department,
Information Management

Date

Dedication

I dedicate this project to God Almighty, National Orthopaedic Hospital Igbobi, Lead City University Management Ibadan, participating institutions, Colleagues at work and in studies and to my wonderful Family. Thank you all.

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Even though the above-mentioned institutions and persons have assisted in the process of this research work, I alone stand responsible for the errors, if any, found in the work.

Abstract

Transition to electronic medical record (EMR) has brought rapid shift in the world of medicine, presenting both new challenges as well as opportunities for improving health care. Clinicians struggle to adapt to the changes imposed by the EMR while maintaining best practices. This work aims to identify the relationship and impact of ethical practices and perceived usefulness of EMR on its usage. The researcher extracted relevant data from recent related works. Descriptive research design was used for this study and structured questionnaire was the instrument for data collection. The target population for this study are health information professionals working at National Orthopaedic Hospital, Igbobi, Lagos and Federal Neuro-Psychiatric Hospital, Yaba, Lagos. The population for this study is eighty (80) health information management professionals. The instrument used is a structured questionnaire. Collected data were analyzed through descriptive and inferential statistics. The study revealed that ethical practices had a significant effect on the usage of EMR (Adjusted $R^2 = 0.142$; $p < 0.05$) and perceived usefulness of EMR had a significant effect on the usage of EMR by the respondents (Adjusted $R^2 = 0.116$; $p < 0.05$). The study also revealed that ethical practices and perceived usefulness of EMR had a combined significant effect on the usage of EMR by the respondents. (Adjusted $R^2 = 0.267$; $p < 0.05$). The study concluded that there is a statistically significant effect of ethical practices and perceived usefulness on EMR usage by health information management professionals of the selected federal hospitals in Lagos State, Nigeria. The study recommended that hospital managements of federal government hospitals studied, should strengthen patient data protection through policies, awareness/training and enforcement. Customize EMR to facility specifications to boost positive perception and acceptability of the application through wide consultations and participations to ensure adequacy, training/motivating staff to develop ICT skills to enable adaptation and ultimately enhance performance.

Keywords: *electronic medical records, health information management professionals, ethical practices, perceived usefulness*

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Table of Content

Title	Page
Title page	i
Certification	ii
Dedication	iii
Acknowledgment	iv
Abstract	v
Table of Contents	vi
List of Tables	ix
List of Figures	x
 Chapter One: Introduction	
1.1 Background to the Problem	1
1.2 Statement of the Problem	7
1.3 Aim and Objective of the Study	9
1.4 Research Questions	10
1.5 Hypothesis	11
1.6 Significance of the study	11
1.7 Scope of the Study	12
1.8 Limitation of the study	13
1.9 Operational Definition of terms	13
Endnotes	16
 Chapter Two: Literature Review	
2.0 Introduction	17
2.1 Conceptual Review	18

2.1.1	Concept of Electronic Medical Records	18
2.1.2	Concept of Ethical Practices	43
2.1.3	Concept of Perceived usefulness of Electronic Medical Records	72
2.2	Theoretical Framework	79
2.2.1	Technology Acceptance Model (TAM)	79
2.3	Empirical Studies	83
2.3.1	Ethical Practices and Usage of Electronic Medical Records	83
2.3.2	Perceived Usefulness and Usage of Electronic Medical Records	89
2.3.3	Ethical Practices and Perceived Usefulness on Usage of Electronic Medical Records	96
2.4	Conceptual Framework	104
2.6	Summary of Reviewed Literature	105
	Endnotes	109
 Chapter Three: Methodology		
3.0	Methodology	134
3.1	Research Design	134
3.2	Population of Study	134
3.3	Sample Size Determination and Sampling Techniques	135
3.4	Description of Research Instrument	135
3.5	Validation of Research Instrument	136
3.6	Reliability of Research Instrument	137
3.7	Method of Data Collection	137
3.8	Method of Data Analysis	138
	Endnotes	139

Chapter Four: Results and Discussion of Findings

4.0	Introduction	140
4.1	Demographic Data Analysis of Respondents	140
4.2	Presentation and Analysis of Research Questions	143
4.3	Presentation of Tests of Hypotheses	155
4.4	Discussion of Findings	161
	Endnotes	167

Chapter Five: Conclusion

5.1	Summary of Findings	169
5.2	Conclusion	171
5.3	Recommendations	171
5.4	Contributions to Knowledge	173
5.5	Suggestions for Further Studies	174
	Bibliography	175

Appendix

i.	Questionnaire	199
ii.	Plagiarism Test	202
iii.	Letter of Introductions	203
iv.	Research Project Attestation Forms	205
v.	Curriculum Vitae	207
vi.	Compliance Certification	209

List of Tables

Table	Page
3.1: Population of Study	134
4.1: Response Rate	140
4.2: Demographic Characteristics of Respondents	141
4.3: Electronic Medical Records Usage	143
4.4: Ethical Issues Associated with EMR Usage	147
4.5: Perceived Usefulness of Electronic Medical Records	150
4.6: Summary of Result of Test of Hypothesis of Influence of Ethical Practices on Electronic Medical Records Usage	155
4.7: Summary of Result of Test of Hypothesis of Influence of Perceived Usefulness on Electronic Medical Records Usage	157
4.8: Summary of Result of Test of Hypothesis of Combined Influence of Ethical Practices and Perceived Usefulness on Electronic Medical Records Usage	159

List of Figures

Figure	Page
2.1 : Technology Acceptance Model	80
2.2 : Technology Acceptance Model (TAM 1)	81
2.3: Conceptual Framework on Ethical Practices, Perceived Usefulness and Usage of Electronic Medical Records	104

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