## TABLE OF CONTENTS

	Cover sheet	į
	Declaration by student	ii
	Certificate by the Supervisor	iii
	Certificate For Plagiarism	iv
	Antiplagiarism Software Report	v
	Certificate of Successful Completion of Viva-Voce	xii
	Undertaking for Submission of Ph.D. Thesis	xiii
	Acknowledgements	xiv
	List of Figures	xvii
	List of Tables	xviii
	Abbreviations	xxi
Abstract		xxvii
Chapter 1	Introduction	1-19
1.0	Preface	2
1.1	Importance of generic medicines	2
1.2	Definition & classification of generic drugs	3
1.3	Distinction amongst innovators' brand, branded generic, generic	4
1.4	Cost benefits of generic drugs	6
1.5	Importance of generics	8
1.6	Trends in use of generics	9
1.7	Challenges with generics	13
1.8	Research questions	16
1.9	Research objectives	16
1.10	Chapter plan	17
Chapter 2	Review of literature	20-56
2.0	Introduction	21
2.1	Scope of review	21

2.2		Methods	21
2.3		Narrative review of studies	22
2.4		Summary	42
	2.4.1	Knowledge of generic medicines amongst medical practitioners	42
	2.4.2	Attitude / perception of medical practitioners towards generic medicines	44
	2.4.3	Practice of medical practitioners	45
2.5		Rationale of research focused on doctors	47
2.6		Research gap	49
2.7		Research framework of the study	50
Chapter 3		Materials and Methods	57 – 82
3.0		Introduction	58
3.1		Problem statement	58
3.2		Rationale of the study	58
3.3		Research questions	60
3.4		Objectives of the study	62
3.5		Formulation of hypotheses	62
3.6		Scope of study	64
3.7		Research design	64
3.8		Sources of data collection	64
3.9		Methods of accessing data	65
3.10		Data collection form	65
3.11		Instrument development	65
3.12		Pilot testing	70
3.14		Sampling plan	73
3.15		Sampling procedure	74
3.16		Contact method	74
3.17		Collection of data	75
3.18		Analysing data	75
3.19		Reliability & validity of the instrument	75

3.20			Demographic profile of the sample	78
Chapter 4			Results	83-130
4.0			Introduction	84
4.1			Research Questions & Hypotheses	84
4.2			Normality test	86
	4.2.1		Skewness & Kurtosis z-values	86
	4.2.2		Kolmogorov-Smirnov & Shapiro-Wilk test	89
	4.2.3		Histograms, Normal Q-Q Plots and Box Plots	92
4.3			Application of statistical tools	92
	4.3.1		Response to knowledge items	92
		4.3.1.1	Influence of knowledge on doctors in prescribing generic medicines	95
		4.3.1.2	Knowledge amongst doctors at healthcare centers	97
		4.3.1.3	Knowledge of generic medicines amongst male and female doctors	98
		4.3.1.4	Knowledge in age groups	99
		4.3.1.5	Knowledge amongst doctors in different employment status	100
		4.3.1.6	Knowledge amongst doctors in different level of education	101
		4.3.1.7	Knowledge amongst doctors having non- surgical and surgical practice	102
		4.3.1.8	Knowledge amongst doctors in experience groups	103
	4.3.2		Response to attitude items	104
		4.3.2.1	Influence of attitude on doctors in prescribing generic medicines	106
		4.3.2.2	Attitude amongst doctors at healthcare centers	108
		4.3.2.3	Attitude towards generic medicines amongst male and female doctors	109
		4.3.2.4	Attitude amongst doctors in age groups	109
		4.3.2.5	Attitude amongst doctors in different employment status	110
		4.3.2.6	Attitude amongst doctors in different level of education	111

		4.3.2.7	Attitude amongst doctors having non- surgical and surgical practice	112
		4.3.2.8	Attitude amount destant in amoriance	113
	4.3.3		Response to practice items	114
		4.3.3.1	Influence of doctors' practice in prescribing generic medicines	118
		4.3.3.2	Practice amongst doctors at healthcare centers	119
		4.3.3.3	Practice of generic medicines amongst male and female doctors	120
		4.3.3.4	0	120
		4.3.3.5	Practice amongst doctors in different employment status	121
		4.3.3.6	level of education	122
		4.3.3.7	surgical and surgical practice	123
		4.3.3.8	Practice amongst doctors in experience groups	123
	4.3.4		Practice of prescribing generic medicines amongst doctors at healthcare centers	124
4.4			Influence of KAP on doctors in prescribing generic medicines	126
	4.4.1		Cognitive	127
	4.4.2		Affective	128
	4.4.3		Conative	129
Chapter 5			Discussion	131-145
5.0			Introduction	132
5.1			Discussions	132
	5.1.1		Patients / population	133
	5.1.2		Government policy	135
	5.1.3		Packaging	135
	5.1.4		Price	136
	5.1.5		Pharmacists / Chemists	136
	5.1.6		Pharmaceutical companies	137
	5.1.7		Medical Practitioners	138

	5.1.8		The contentious issues	140
Chapter 6			Conclusion	146-155
6.0			Introduction	147
6.1			Research findings	147
6.2			Managerial implications	151
6.3			Limitations of the study	152
6.4			Recommendations, the way forward	152
6.5			Learnings from Brazil	155
6.6			Directions for future research	155
Chapter 7			Summary	156-162
			References	163-171
			Bibliography	172
			Appendices	173-226
		A	Questionnaire	174-177
		В	Survey Data	178-181
		С	Normality test figures	182-190
		D	Published Research Paper (1)	191-208
			Published Research paper (2)	209-222
		E	Certificate of Paper Presentations— National(1), International(2), Certificate of Best Paper (1)	223-226