

Contents

Acknowledgements	VI
CHAPTER 1. INTRODUCTION	1-18
1.1 Introduction	1
1.2 Systems of medicine in India	2
1.3 Health care infrastructure in India	4
1.3.1. Primary health care institutions	7
1.3.2. Shortfall in the primary health care institutions	8
1.3.3. Secondary and tertiary health care institutions	9
1.3.4. Private sources of care	9
1.4 An introduction to Cooch Behar and Jalpaiguri	10
1.5 Status of Health and some features of the study area	11
1.6 Statement of the problem	14
1.7 Location of the problem in the theoretical context	15
1.8 Interdisciplinary relevance	15
1.9 Rationale of the approach	16
1.10 Hypothesis	17
1.11 Specific aims of the study	18
CHAPTER 2. REVIEW OF LITERATURE	19-45
2.1 Introduction	19
2.2 Health services utilisation	19
2.2.1 Characteristics of the disorder	20
2.2.2 Characteristics of the subject	21
2.2.3 Characteristics of the service	27
2.3 Morbidity	35
2.4 Patient's preference for a system of medicine & cognitive structure	37
2.4.1 Patient's preference for a care	37
2.4.2 Patients' / households' cognitive structures	40

2.5	Research gaps	41
2.5.1	Dichotomy between economic and non-economic factors	41
2.5.2	Technical and non-technical studies	41
2.5.3	Efficacy of technical and non-technical studies	42
2.5.4	Gaps in technical studies in India	42
2.5.5	Hospital records Vs Patients' perception	43
2.5.6	Activity space Vs simple geographical accessibility	43
2.5.7	Aetiology and patients' cognitive structure	44
2.5.8	Harmonising quantitative and qualitative approaches	44

CHAPTER 3. RESEARCH DESIGN AND METHOD 46-57

3.1	Introduction	46
3.2	Selection of the study area	46
3.3	Sources of data	47
3.4	Pre-testing	47
3.5	Sampling design	47
3.5.1	Sample size	47
3.5.2	Sampling procedure	48
3.5.3	Sampling frame	49
3.6	Tools and techniques of data collection	50
3.6.1	Techniques of data collection	50
3.6.2	Different parts of questionnaire	50
3.6.3	Reference period	50
3.7	Methods of analysing data	50
3.7.1	Methods of analysing morbidity statistics	50
3.7.2	Methods of studying patient's choice of a care	52
3.7.3	Methods of analysing factors affecting utilisation of services	53
3.7.4	Cross tabulation	55
3.7.5	Conceptual framework	55
3.7.6	Definition of the variables	56

CHAPTER 4. STUDY AREA AND THE POPULATION	58-73
4.1 Introduction	58
4.2 Characteristics of the subject	58
4.3 Characteristics of the service	65
4.4 Pattern of health care expenditure and income	68
4.5 Summary	73
CHAPTER 5. MORBIDITY ANALYSIS	74-87
5.1 Introduction	74
5.2 Characteristics of disorder	75
5.3 Type of illness by characteristics of the subject	76
5.4 Incidence and prevalence of disease	85
5.5 Summary	86
CHAPTER 6. ANALYSIS OF PATIENTS' PREFERENCE FOR A CARE	88-102
6.1 Introduction	88
6.2 Patient's preference for different types of care	88
6.2.1 Preference for public type of care – Rural	88
6.2.2 Preference for public type of care – Urban	90
6.2.3 Preference for private type of care – Rural	92
6.2.4 Preference for private type of care – Urban	93
6.3 Patient's preference for different systems of medicine	95
6.3.1 Preference for Allopathy – Rural	95
6.3.2 Preference for Allopathy – Urban	97
6.3.3 Preference for Homeopathy – Rural	99
6.3.4 Preference for Homeopathy – Urban	100
6.4 Summary	101
CHAPTER 7. UTILISATION OF HEALTH CARE	103-128
7.1 Introduction	103
7.2 Utilisation of health care in Cooch Behar and Jalpaiguri	103
7.3 Utilisation of health care and characteristics of the disorder	118

7.4	Utilisation of health care and characteristics of the service	121
7.5	Summary	128
CHAPTER 8. MULTIVARIATE ANALYSIS OF UTILISATION OF CARE		129-139
8.1	Introduction	129
8.2	Results of binary logit models on utilisation of care	130
8.2.1	Characteristics of the subject	133
8.2.2	Characteristics of the disorder	134
8.2.3	Characteristics of the service	134
8.3	Results of multiple classification analysis on utilisation of care	135
8.3.1	Characteristics of the subject	135
8.3.2	Characteristics of the disorder	136
8.3.3	Characteristics of the service	136
8.4	Summary	138
CHAPTER 9. SUMMARY AND CONMCLUSION		140-153
9.1	Background, the problem, and objectives	140
9.2	Economics of health care	141
9.3	Issues in the literature	141
9.3.1	Health services utilisation	142
9.3.2	Morbidity	143
9.3.3	Patient's preference for a care	143
9.4	Logical gaps	143
9.5	The present study	144
9.6	Household characteristics	145
9.6.1	Sample characteristics	145
9.6.2	Characteristics of the service	145
9.6.3	Health care expenditure	145
9.7	Morbidity analysis	146
9.8	Preference for health care	147
9.9	Utilisation of a care	148
9.10	General inference	150

9.11	Policy recommendations	151
9.12	Conclusion	152
APPENDIX		154-156
	Publications from this Doctoral work	154
	UGC - Minor Research Project	154
	Maps of the study area	154
BIBLIOGRAPHY		157-163