QUALITY OF GENERAL PRACTICE

Epidemiological Studies, 1961-67

J. M. Last, M.B., B.S. Adelaide

A Thesis submitted for the Degree M.D., Adelaide, 1968

INTRODUCTION

No perceptive general practitioner can fail to be aware of the clinical, academic and administrative difficulties which My own reactions are probably typical. beset him. first year of hospital residence, I spent six months in a rural solo practice where I soon became so concerned about the problem of maintaining high standards that I returned to hospital work Subsequently, five years in an urban for three more years. industrial group practice with ten partners, helped to impress upon me the advantages of team work and pooled resources. I remained aware of many imperfections, both in my own When I gave up performance and in the system as a whole. general practice for epidemiology it was natural that I should apply epidemiological methods to the study of medical care in general practice.

The results of my studies, spread widely in time and place, are set out here. My methods have been to construct a model, to observe a sample of practices, to examine some sociological and academic characteristics and the distribution of doctors, and to ask general practitioners themselves to record a few facts about their daily work. Although this may not make a very coherent story, I believe it suffices to reach some conclusions.

Let me begin by repeating the definition of general practice

given in my essay for the Tasmania Prize of the Australian College of General Practitioners: "Medical practice which offers direct access to care for previously unselected patients". Continuing care cannot be assumed by definition to be found only or always in general practice, but is an ingredient of quality requiring measurement. Neither is family practice synonymous with general practice. In the United States, the term "primary medical care" has been suggested to describe the treatment of previously unselected patients, and the doctor who delivers primary medical care has been called the "first-contact physician" (he may be a specialist or a general practitioner). These terms will occasionally be useful in the discussion.

It is advisable to say what this thesis is not about. I have not considered undergraduate or vocational medical education for general practice, except in passing; and I have tried to avoid involvement in the debate about role and function and optimum establishment. This debate has continued without pause at least since the publication in 1920 of the Dawson Report, and my opinions, supported though they may be by evidence, will not help to resolve it. Here I am concerned only with assessment of some factors which can influence the quality of medical care. If the methods of measurement which I describe can be applied by others, this dissertation will have served its purpose.

Much of my work has been done in Britain, where the pattern

of general practice has been shaped by the National Health Service. However, I believe that most of my conclusions are relevant in Australia and other industrial countries with similar living standards and medical services.

Some of this work has already been published and has been paraphrased in the typescript. Elsewhere I have incorporated published papers as parts of chapters and added a commentary. Other publications in support of the thesis have been bound in sequence at the back, where questionnaires can also be found.

William Control of the Board of the Control of the

REFERENCES

- 1. Last, J. M. (1967) Objective Measurement of Quality in General Practice. Annals Gen. Pract., XII, Part 2, Suppl. pp. 5-26.
- 2. Dawson of Penn, Chairman (1920) Report on the Future Provision of Medical and Allied Services. London: H.M.S.O.

CONTENTS

		Page
	INTRODUCTION	i.
	References	iii
	AC KNOWLEDGEMENTS	iv
Chapter 1	FUBLIC AND PROFESSIONAL COVCERN WITH STANDARDS References	1 5
Chapter 2	OTHER WORK ON THE QUALITY OF GENERAL FRACTICE Observations in the Field Documentation of General Practitioners	7 8
	Activities	13
	Work Study	16
	Organization	18
	Record Review and Medical Audit	23
	Epidemiological Studies in General Practice	24. 25
	End Result Measurements Conclusions	27
	References	29
Chapter 3	AN EPIDEMICLOCICAL MODEL OF GENERAL PRACTICE "Observed" and "Expected" Disease in a	33
	Defined Population	33
	Communications in General Practice	36
	Enhancing Efficiency of Communication	38
	Application of "The Iceberg" Concept in	
	Australia References	42 40
	ver aremosa	el-c-
Chapter 4	THE SUPPLY AND DISTRIBUTION OF GENERAL	٠.
	PRACTITIONERS	43
	Medical Manpower	44.
	Counting General Practitioners	44,
	Secular Trends in Supply of General Practitioner	
	Distribution of General Practitioners	47
	The Position in Britain	48
	Recruitment to General Practice	49 52
	PATTERN OF SETTLEMENT References	56
	Tar ar arnas	, JU

			Page
Chapter 5	5	THE GENERAL PRACTITIONER HIMSELF	58
		GENERAL PRACTITIONERS IN THREE ENGLISH	
		INDUSTRIAL TOWNS	59
		The Interviews	60
		Some Characteristics of the Doctors	62
		Evaluation of Interview Data	64 _t
		Independent Evaluations of the General	
		Practitioners	76
		Results	77
		Overall Quality	77
		Work Load	79
		Communications Variable to Date	82
		Keeping up to Date	83
		Prescribing and Keeping up to Date Classification of Quality	81+ 8E
		Computer Analysis of Interview Data	85 86
		CLINICAL PERFORMANCE IN AUSTRALIAN GENERAL	00
		PRACTICE PRACTICE	90
		THE SURVEY OF YOUNG BRITISH DOCTORS	93
		Academic Record and Subsequent Career	96
		Career Choice and Training Opportunities	97
		Attitudes to Continuing Education	98
		Stability of Career Preference	99
		Personality and Preference for General Practice	101
		References	1.04
			•
Chapter	6	OUTCOME OF DOCTOR-PATIENT CONTACTS	106
		Diagnosis or "Condition"	107
		Decisions	109
		RESULTS	111.
		Practice Work Load	111
		Conditions	113
		Referrals	114
		Continuity of Care	114
		RECORD SYSTEMS IN GENERAL PRACTICE	118
		References	120
Chapter	7	ORGANIZATION: FREMISES, EQUIPMENT AND	
arroth rem	•	ANCILLARY HELP	121
		GENERAL PRACTICE IN THREE INDUSTRIAL	
		TOWNS IN 1961-62	121
		Equipment	124
		Time Off	126
		Ancillary Help	126

		Page
	GENERAL PRACTICE ASSESSMENT FOR THE NUFFIELD PROVINCIAL HOSPITALS TRUST Capital Investment in General Practice Premises Pattern of Practice Ancillary Help Failure of Adaptation References	128 128 132 133 136 140
Chapter 8	CONCLUSION Recapitulation Objective Measurement of Quality The Challenge of Diversity Reorganization of Community Medical Care Role and Function References	141 147 152 153 157 162
Epilogue	TOWARDS QUALITY CONTROL IN GENERAL PRACTICE	164.

and the second s