## Contents

	Pag
Introduction	3
Background on Breast Cancer	6
Radical Mastectomy as the Standard Treatment	7
Radical Mastectomy Reconsidered	8
NIH Consensus Panel	12
Three Surgeons Dr. Leslie Wise	12 14
Changes in Medical Practice: Personal Factors	17
Changes in Medical Practice: Professional Factors.	18
Conclusions: Reflections on the Change Process	19
Appendix A: Cost Estimates	21
Appendix B: Evidence unselected Treatments for Breast Cancer	23
References .,	28
LIST OF TABLES	
	Page
<ol> <li>Definitions of Treatments for Breast Cancer</li></ol>	5
(McPherson and Fox)	
(Henderson and Canellos)	11 11
6. Types of Breast Cancer Surgery Performed at the Hillside Medical Center, 1973-78	14
7. Results of Partial Mastectomy, 1955-72	
B-1. Survival Rates by Type of Operation: Radical v. Extended Radical	22
Mastectomy: 5-and 10-Year Survival	24
by Type of Surgery	<ul><li>24</li><li>25</li></ul>
FIGURE	
	Page
A-l. Alternative Strategies of Inpatient v. Outpatient Biopsy at Massachusetts General Hospital, 1976	21