

# Contents

	<i>Page</i>
CHAPTER 1: INTRODUCTION AND SUMMARY .....	3
The Problem of Urinary Incontinence .....	3
Prevalence .....	4
Types and Causes .....	4
Treatments for Urinary Incontinence .....	4
Effectiveness .....	5
costs .....	5
The Manufacturers of Incontinence Products .....	6
Industry Structure .....	6
Marketing .....	6
Policy Implications .....	7
Information .....	7
Research .....	7
Payment .....	8
Organization of This Case Study .....	8
CHAPTER 2: THE PROBLEM OF URINARY INCONTINENCE .....	11
Prevalence of Incontinence .....	11
Types and Causes of Incontinence .....	15
Treatments for Urinary Incontinence .....	17
CHAPTER 3: EFFECTIVENESS AND SAFETY OF DEVICES AND OTHER TREATMENTS .....	25
Artificial Sphincters .....	25
Electrical Stimulation .....	29
Catheters .....	32
Bedpads and Undergarments .....	33
Surgery .....	34
Drug Treatment .....	34
Training Procedures .....	36
CHAPTER 4: THE COSTS AND FINANCING OF INCONTINENCE .....	45
Costs of Incontinence .....	45
Payment for Urinary Incontinence .....	47
APPENDIX A.-INCONTINENCE PRODUCT MANUFACTURERS: CHARACTERISTICS AND OPINIONS .....	51
APPENDIX B.-INCONTINENCE PRODUCT MANUFACTURERS .....	54
APPENDIX C.-INCONTINENCE PRODUCT QUESTIONNAIRE .....	55
APPENDIX D.-ARTIFICIAL SPHINCTERS: A CASE STUDY... .....	61
APPENDIX E.-GLOSSARY OF TERMS .....	63
APPENDIX F.-ACKNOWLEDGMENTS AND HEALTH PROGRAM ADVISORY COMMITTEE .....	64
REFERENCES .....	69

## **Contents—continued**

### **List of Tables**

<i>Table No.</i>	<i>Page</i>
2-1. Prevalence of Incontinence . . . . .	12
2-2. Types of Incontinence . . . . .	16
2-3. Treatments for Urinary Incontinence . . . . .	19
3-1. Sphincter Devices . . . . .	26
3-2. Electrical Stimulators . . . . .	30
3-3. Bedpads and Undergarments . . . . .	35
3-4. Drugs in Incontinence Treatment . . . . .	37
4-1. Estimated Relative Costs of Treatments for Incontinence . . . . .	46

### **List of Figures**

<i>Figure No.</i>	<i>Page</i>
2-1. Treatment Options for Urinary Incontinence . . . . .	18