Contents

Page	Page
CHAPTER 1: Overview	Referral Patterns,51
The Scope and Impacts of Hearing	The Role of Other Health Care and Social
Impairment in Elderly People 3	Service Providers
Summary of Major Findings and Issues 4	Settings for Service Delivery54
	Health Care Settings 54
CHAPTER 2: The Epidemiology of Hearing	Educational Settings
Impairment in Elderly People	Community Agencies 55
Types and Causes of Hearing Loss Among	Alternate Approaches to Service Delivery 55
Elderly People	Veterans Administration Hearing Services 55
Measuring Hearing Impairment	Elderhostel Program for the Hearing
Prevalence	Impaired
Age ,	Assistive Device Centers
Gender	Self-Help Groups for Hearing Impaired
Race	People ,
Income	Nursing Home Initiatives 57
Institutionalization	Screening Programs
Prevalence of Tinnitus	Regulation of the Delivery System 58
The Impact of Hearing Impairment, 17	Ţ Ţ
Clinical Impact	CHAPTER 5: Funding for Treatment of Hearing Impairments 63
Psychosocial Impact	Hearing impairments
Denial of Hearing Impairment	Medicare
Deafness	Medicaid
CHAPTER 3: Treatment of Hearing	Other Government Funding Programs 65
Impairment	Private Insurance
Prevention	Where Services Are Provided and
Medical and Surgical Treatment 27	By Whom
Treatment of Conductive Hearing	Type and Purpose of Services 67
Impairments 27	Role of the Physician 67
Treatment of Sensorineural Hearing	CITA PETER A C. 1
Impairments 27	CHAPTER 6: Conclusion 71
Hearing Aids	APPENDIX A: Information Sources 75
Problems in Hearing Aid Design and	
Performance , , , , , , , 31	APPENDIX B: Assistive Device Centers 77
Problems in Selecting the Appropriate	REFERENCES
Hearing Aid	IVEI EIVEI VOED
Problems in Adjusting to a Hearing Aid 32	
Assistive Listening Devices	Tables
Telecommunication Devices	Table No. Page
Signaling and Alarm Devices 39	1. Causes of Conductive and Sensorineural
Assistive Device Development 40	Hearing Impairments
Environmental Design ., 41	2. Hearing Loss in Decibels Related to
Aural Rehabilitation 41	Approximate Degree of Impairment 13
Hearing Aid Orientation 41	3. Prevalence of Hearing Impairment, Including
Auditory Training 42	Tinnitus, in the Civilian, Noninstitutionalized
Speechreading	Population, by Race and Selected Age
Counseling	Groups, United States, 1977 16
	4. Types of Hearing Aids Sold in the United
CHAPTER 4: The Service Delivery System 47	States, 1984
Service Providers and Referral Patterns 48	5. Proportion of Hearing Aid purchasers
Physicians	by Age, 1983-85
Audiologists	6. Persons Age 65 and Over Who Use a
Hearing Aid Dealers 50	Hearing Aid, United States, 1977
0	

		Page
7. Satisfaction With Hearing Ability Using a	5. Cochlear Implant in Place	28
Hearing Aid	6. Hearing Aid Types	. 29
	7. Hardwire Device for	
Figures	One-to-One Consultation	. 34
Figure No. Page	8. Audio Loop Wand Receiver	. 34
1. Structure of the Ear	9. FM Persona] Amplification Device:	
2. Prevalence of Hearing Impairment,	Transmitter and Receiver	. 34
Including Tinnitus, in the Civilian,	10. Infrared Amplification Device:	
Noninstitutionalized Population,	Transmitter and Receiver	. 35
United States, 1977	11. Three Types of Telephone Amplification	
3. Prevalence of Hearing Impairment Among	Devices	. 37
Adults by Frequency of Tone, United	12. Sonic Alert Signaling System, Including a	
States, 1971-75	Paging Device and Door Bell Signaler	. 39
4. Prevalence of Tinnitus, by Severity and	13. Lip Reading Glasses	. 43
	14. Materials Supplied to Participating Hospitals	
1960-62	by the Suzanne Pathy Speak-Up Institute	. 53