CONTENTS

	Page
CHAPTER 1: SUMMARY AND CONCLUSIONS	
Introduction	
Organization of the Case Study	
Summary	
Supply, Use, and Costs	
Mortality and Morbidity	
Financing	. 5
Access	6
Cost-Effectiveness	. 7
Conclusions	. 7
CHAPTER 2: SUPPLY, USE, AND COST OF NEONATAL INTENSIVE CARE	11
Introduction	. 11
supply	. 11
Utilization	
cost	. 14
CHAPTER 3: EFFECTIVENESS OF NEONATAL INTENSIVE CARE	. 21
Introduction,,	
Mortality Rates	. 21
Handicap Rates	25
Neonatal Conditions That Cause Major Mortality and Morbidity	
Respiratory Distress Syndrome.	
Intraventricular Hemorrhage	. 35
Retinopathy of Prematurity	. 37
CHAPTER 4: FINANCING NEONATAL INTENSIVE CARE	41
Introduction	
Reimbursement Practices	-
Medicaid	
Policies	
Expenditures for Neonatal Intensive Care	
•	
CHAPTER 5: ACCESS TO NEONATAL INTENSIVE CARE	. 47
Introduction	
Level 11 Hospitals	•
Concentration of Births in Level III Hospitals	. 52
The Tiniest Babies.	. 53
CHAPTER 6: ECONOMIC ANALYSIS OF NEONATAL INTENSIVE CARE	. 57
Introduction	
Cost-Effectiveness and Cost-Benefit Studies	
Conclusions and Policy Implications	. 59
APPENDIX A: GLOSSARY OF ACRONYMS AND TERMS	
APPENDIX B: ACKNOWLEDGMENTS	
DEFEDENCES	. 69
REFERENCES	. บร

CONTENTS—continued

Вох
A. How To Interpret the Data in Tables 3, 4, and 5
Figures
Figure No. 1. Hospital Cost by Birthweight Group, 1984
3. Outcomes for Extremely Low Birthweight Infants (=1000 grams) Born in Level III Hospitals, 1960-85
Tables
Table No.
1. Supply of NICUs and Beds in the United States, 1983
2. NICU Days of Care and Occupancy in the United States, 1983
3. Length of Stay by Birthweight Group, 1984
4. Hospital Cost by Birthweight Group, 1984
5. Hospital Cost and Length of Stay Per Very Low Birthweight Survivor, 1984
6. Hospital Cost and Length of Stay for Newborns Requiring Assisted Ventilation, 1984 17
7. Comparative Neonatal Mortality for Very Low Birthweight Infants Born in Level III
Hospitals, 1975-85
8. Comparative Neonatal Mortality in NICUs for Very Low Birthweight Infants, 1975-85
9. Inborn Neonatal Mortality Rates for Very Low Birthweight Infants,
Pooled Institutional Data
10. Handicap Rates in Infants With Birthweights Under 800 Grams, 1975-85
11. Handicap Rates in Infants With Birthweights Between 750 and 1000 Grams, 1975-85 28
12. Handicap Rates in Infants With Birthweights Between 1000 and 1500 Grams, 1975-85 29
13. Medicaid Recipients in Neonatal Intensive Care Units, and Medicaid Expenditures,
Selected States, 1983-85
14. Regional Neonatal Mortality Rates for Very Low Birthweight Infants, 1976-81 47
15, Concentration of Births of Infants Weighing Less Than 1500 Grams
in Level 111 Hospitals
16. Measures of Economic Evaluation of Neonatal Intensive Care for Very Low