

# Contents

	<i>Page</i>
Introduction . . . . .	3
CBA and CEA: The Theoretical Ideal . . . . .	4
Problems in Applying the Ideal Model . . . . .	6
Identifying Homogeneous Patient Groups . . . . .	7
Specifying Appropriate Diagnostic Pathways . . . . .	7
Specifying Diagnostic Accuracy . . . . .	8
Measuring Diagnostic and Therapeutic Costs . . . . .	8
Specifying Outcomes of the Diagnostic/Therapeutic Process . . . . .	11
Economic Evaluations of CT Scanning . . . . .	11
Studies of the Impact of CT Scanning on Diagnostic Costs . . . . .	13
Studies of the Cost of Case Finding . . . . .	18
Studies of CT Scanner Capacity and Location . . . . .	20
Conclusions . . . . .	21
References . . . . .	22

## LIST OF FIGURES

<i>Figure Ale.</i>	<i>Page</i>
<b>1. A Model for Economic Evaluation of Diagnostic Procedures . . . . .</b>	<b>6</b>
2. Disease Detection Rates for Two Tests . . . . .	19
3. Case-Finding Costs for 100 Patients . . . . .	19