

Table of Contents

Acknowledgments.....	9
Preface.....	11
Introduction: Wonders and Impressions.....	17
I. Vichian Perspective on Pathogenesis and Therapy	23
1. John Stuart Mill’s Etiological Causality	25
2. Various modes of causation in medicine	35
3. Disease mechanisms and pathogenesis in the light of <i>verum-factum</i>	44
II. Abduction-Based Diagnostics	55
1. Logical framework of diagnostics.....	55
2. Types of logical inference in clinical practice	60
3. Diagnostic methods from a logical perspective	66
4. Reaching the diagnosis through an affirmative inference.....	74
5. Clinical reasoning: coalescence of logical rationality and heuristics	78
6. Concluding remarks.....	99
III. Logical Errors in the Clinical Discourse.....	101
1. The place of logical errors in medicine.....	101
2. The fundamental logical hindrances in diagnostics leading to errors	106
3. Informal logical fallacies through the prism of clinical practice.....	114
4. Cognitive errors in diagnostics	119
Conclusion: Patient Safety in Terms of Logic and Philosophical Interpretation	125
Works Cited	129
Index	135