**Table of Contents**

|  |  |
| --- | --- |
| Summary and Conclusions |  |
| Historical Background |  |
| Chapter 1: Development and Epidemiological Analysis of the Pandemic |  |
| 1.1 | Presentation and Analysis of the Epidemiological Results in Israel |  |
| 1.2 | Development of the Epidemic in Israel, March 10–May 15 |  |
| 1.3 | Comparison of Data: Israel vs. Austria |  |
| 1.4 | On the Heterogeneous Effect of the Outbreak of the Epidemic |  |
| Chapter 2: Aspects of the Coronavirus and Their Economic Implications |  |
| 2.1 | Introduction |  |
| 2.2 | Economic Aspects of Epidemics |  |
|  | 2.2.1 | General Lockdown as Policy |  |
|  | 2.2.2 | Focused Restraint |  |
| 2.3 | The Cost of Lockdowns |  |
|  | 2.3.1 | Cost of Lockdowns on the Basis of Economic Research |  |
|  | 2.3.2 | Estimated Cost of Lockdowns in Israel in Terms of Product |  |
| 2.4 | Economy and Mortality |  |
|  | 2.4.1 | Estimated Cost of Human Lives Saved in Israel |  |
|  | 2.4.2 | Comparison of Mortality Rates: Israel vs. Austria |  |
| 2.5 | Economic Policy in Austria and Israel |  |
|  | 2.5.1 | Employment |  |
|  | 2.5.2 | The Business Sector |  |
|  | 2.5.3 | Exit Plan |  |
|  | 2.5.4 | Monetary Policy |  |
|  | 2.5.5 | Fiscal Policy |  |
| Chapter 3: Aspects of the Public-Health System |  |
| 3.1 | Infrastructures and Intensive-Care Teams for Treatment of COVID-19 Patients |  |
| 3.2 | Public-Health Methods for Coping with the Epidemic |  |
|  | 3.2.1 | Monitoring of Morbidity |  |
|  | 3.2.2 | The Public-Health Infrastructure: Epidemiological Investigation  |  |
|  | 3.2.3 | The Existing Epidemiological Array and Possible Changes as Warranted by Needs |  |
|  | 3.2.4 | Reopening the Economy: Epidemiological Considerations and Other Remarks |  |
| Chapter 4: Facing the Possibility of a New Outbreak |  |
| 4.1 | Constraints in the Healthcare System in the Context of the Coronavirus and Consequent Criteria for Conduct |  |
| 4.2 | Conditions for Exiting the Lockdown Period: An Example for the Future |  |
| 4.3 | The Importance of Testing: How Many Tests are Really Needed and How Important Is It to Reduce the Time from Test to Results? |  |
| 4.4 | Local Corrective Measures, the “Corona Routine,” and the “Local Lockdown Routine” |  |
| 4.5 | Criteria for Activation of Comprehensive Corrective Measures and “Routine Life in the Shadow of the Coronavirus” |  |
| 4.6 | Three Proposals for Corrective Measures at the National Level and How to Choose among Them |  |
| 4.7 | Additional Issues in the “Corona Routine” and Related Emphases  |  |
| Appendices  |  |
| Appendix to the Historical Background Chapter |  |
| Appendix to Chapter 1: The SIR Model, Its Characteristics, and Illustration of Its Use in Selected Countries |  |
| Appendix to Chapter 2: Attached Data |  |
| Appendix to Chapter 3  |  |
| Appendix to Chapter 4: Epidemiological, Operational, and Economic Considerations in Applying a Smart Rolling Lockdown Model |  |