

M E D I C A L

DRONE

DELIVERY

**Clinical Feasibility, Economics
and Legal Perspectives**

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Preface

We would like to express our gracious gratitude and heartfelt appreciation to all involved parties in publishing this book entitled “Medical Drone Delivery: Clinical Feasibility, Economics, and Legal Perspectives”. This book was the conversion of the original master’s degree thesis of Dr. Mohamed Afiq Hidayat Zailani, entitled “Drone for Blood Samples and Blood Products Transportation: A Proof of Concept”. Being a drone technology enthusiast, lecturer, and medical researcher, the first author, Mohamed Afiq, believed that the ubiquity of drones will significantly increase within the next few years, and have endless advantages for medical applications. This book was written to provide a comprehensive overview of the clinical potential of drones, as well as navigate through the health economic evidence, and legal perspectives.

We hope that our research findings have a massive impact on society, particularly on the medical drone industry, policymakers, clinicians, researchers, and healthcare experts in understanding the progressing aircraft technology. Our utmost appreciation goes to the research members from the Faculty of Medicine, Faculty of Engineering and Built Environment, and the Faculty of Information Science and Technology, UKM for the success of this research project. We would like to thank the Research Fund of UKM Medical Centre, the Grand Challenge Fund (DCP-2018-004/1), and Dana Penerbitan Buku Tersohor 2023 Fakulti Perubatan (DPBT-2023-009) that has provided financial support for this research and book publication.

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