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Nota di contenuto	Chapter 1. Introduction to Minimally Invasive Drug Delivery System (MIDDS) -- Chapter 2. Minimally Invasive Injectable Hydrogels -- Chapter 3. Advances in Iontophoresis-based drug delivery -- Chapter 4. Modern perspectives of ultrasound-based drug delivery -- Chapter 5. Thermal ablation-based drug delivery system -- Chapter 6. Acoustic cavitation-based drug delivery -- Chapter 7. Magnetic Hyperthermia Ablation-Based Drug Delivery -- Chapter 8. Advancements in Minimally Invasive Probes for Drug Delivery -- Chapter 9. Recent Developments in microneedle-based Drug Delivery -- Chapter 10. Minimally Invasive

Drug Delivery Systems for Delivery of Biological Macromolecules -- Chapter 11. Applications of minimally invasive drug delivery systems -- Chapter 12. Industrial Perspective of Minimally Invasive Drug Delivery System -- Chapter 13. Intellectual property rights in minimally invasive drug delivery system -- Chapter 14. Clinical Approaches of Minimally Invasive Drug Delivery Systems.

Sommario/riassunto

This book presents the scientific as well as industrial perspectives, challenges, and advances in minimally invasive drug delivery systems for topical applications. It also covers the regulatory requirements and specifically discusses all the intellectual property rights filed and granted throughout the globe for minimally invasive systems. This book presents detailed analyses of various minimally invasive drug delivery methods as well as the recent advances in devices such as microneedles, iontophoretic devices, probes, etc. This book will be of keen interest to a wide range of audiences, including clinical researchers working in the field of drug delivery and disease diagnosis, as well as undergraduate and postgraduate students from various disciplines such as pharmacy, pharmacology, pharmaceuticals, biotechnology, and health sciences.
