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Special Issue Reprint

## Emergency Medicine

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The Reprint 'Emergency Medicine: Clinical Advances and Challenges in Diagnosis and Treatment, 2nd Edition' brings together recent developments that reflect the rapidly evolving landscape of acute care. Modern emergency medicine requires fast, accurate decision-making supported by evidence-based diagnostic tools, multidisciplinary collaboration, and innovative organizational strategies. This collection highlights progress in identifying time-critical conditions, optimizing early management, and improving patient outcomes across diverse emergency settings. The Reprint covers a broad spectrum of clinical topics, including cardiovascular emergencies, stroke care, infectious diseases, trauma, and special population needs. It also examines emerging approaches, including multimarker diagnostic strategies, advanced imaging, predictive modeling, and the integration of digital tools to enhance clinical workflows and decision support. Particular attention is given to challenges frequently encountered in overcrowded or resource-limited environments, as well as the increasing relevance of personalized medicine in the acute care context. By presenting high-quality research, practical insights, and system-level perspectives, this Reprint offers an updated overview of current knowledge and ongoing challenges in emergency medicine. It serves as a reference for clinicians, educators, and researchers interested in the diagnostic and therapeutic advances shaping contemporary acute care practice.

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