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Titolo	A Comprehensive Guide to Insole-Based Approaches for Diabetic Foot Complications / / edited by Muhammad Nouman, Surapong Chatpun
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Sommario/riassunto	This comprehensive book covers a wide range of topics, providing valuable insights and evidence-based information on insole-based approaches for managing diabetic foot complications. These include custom-made insoles, offloading insoles, and therapeutic footwear, with different materials, shapes, and designs, clinical evaluation and prescription, current research trends, and real-life case studies, emphasizing their impact on plantar pressure distribution and overall foot health. The insole design plays a crucial role in reducing plantar

pressures and preventing ulcers. The book delves into design features such as metatarsal additions, rocker soles, and cushioning with the importance of comfort, durability, and pressure redistribution. Healthcare professionals need to assess patients' individual needs and prescribe appropriate insoles. The book provides guidelines for evaluating foot biomechanics, gait patterns, and pressure points. Case studies illustrate how customized insoles can improve patient outcomes and prevent complications. Additionally, the book discusses cutting-edge research on insole technologies, topics including smart insoles with sensor technology, pressure-sensing insoles, and wearable devices. The book provides practical examples to demonstrate how insole-based approaches impact patient care. These case studies showcase successful outcomes, patient adherence, and the role of customized insoles in preventing ulcers. The primary audience for the book is podiatrists, orthopedic surgeons, endocrinologists, primary care physicians, and other healthcare providers specializing in diabetes management.