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Nota di contenuto	An Introduction -- Types Diagnosis and Treatment of Cervical Cancer -- Artificial Intelligence and Its Roles in Early Detection of Cervical Cancer -- Early Screening and Detection of Cervical Cancer using AI.
Sommario/riassunto	This book introduces the revolutionary use of AI in the field of cervical cancer detection. The book explores how advanced computer algorithms can analyze medical images and patient data to enhance early detection and accurate diagnosis of cervical cancer. The book starts by providing a comprehensive overview of cervical cancer, its risk factors, and the importance of early detection. It then delves into the fundamental concepts of artificial intelligence and its application in healthcare. Readers will gain a deeper understanding of how AI algorithms can "see" patterns in cervical cells and tissue, enabling the detection of abnormal cells and precancerous changes that may indicate the presence of cervical cancer. Drawing on the latest research

and real-world case studies, the book showcases the various AI techniques used for cervical cancer screening, including the analysis of Pap smear and liquid-based cytology images. This book is an essential read for healthcare professionals, researchers, policymakers, and anyone interested in the intersection of AI and healthcare. Presents information regarding cervical cancer and AI-based screening methods for cervical cancer; Provides complete details regarding various types of cervical cancer and their characteristics; Includes details of artificial intelligence and its roles in early detection and diagnosis of cervical cancer.
