

Click link:

[Artificial Intelligence in Radiation Oncology 1st Edition](#)

"Artificial Intelligence in Radiation Oncology, 1st Edition" is a groundbreaking work authored by Dr. Ranjit S. Manohar and published by Academic Press with the ISBN 978-0128158489. This comprehensive volume delves into the transformative impact of artificial intelligence (AI) on the practice of radiation oncology, exploring the innovative technologies and methodologies that are reshaping the field. Designed for radiation oncologists, medical physicists, and researchers, the book provides an in-depth analysis of AI applications in treatment planning, imaging, and patient management, highlighting the efficacy and efficiency AI brings to clinical workflows. Each chapter is meticulously crafted to address critical subjects such as machine learning algorithms, data-driven decision-making, and the ethical considerations surrounding AI use in healthcare. Readers will find invaluable insights into how AI can enhance precision in radiotherapy, improve patient outcomes, and streamline operations within treatment facilities. With contributions from leading experts in the field, the book also presents real-world case studies showcasing successful AI implementations in radiation oncology, making it a vital resource for professionals aiming to stay at the forefront of medical technology. Whether you are a seasoned clinician or a newcomer to the field, "Artificial Intelligence in Radiation Oncology" serves as an essential guide that bridges the gap between technology and clinical practice, offering a visionary perspective on the future of patient care in oncology.