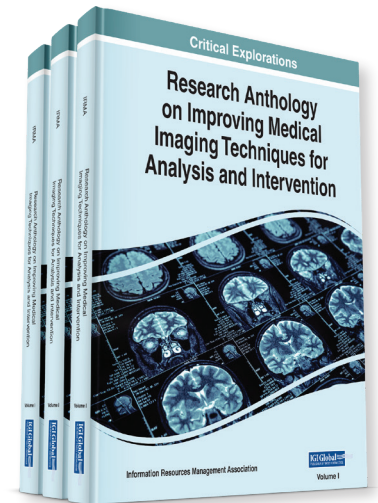# Research Anthology on Improving Medical Imaging Techniques for Analysis and Intervention

Information Resources Management Association

Description:

Medical imaging provides medical professionals the unique ability to investigate and diagnose injuries and illnesses without being intrusive. With the surge of technological advancement in recent years, the practice of medical imaging has only been improved through these technologies and procedures. It is essential to examine these innovations in medical imaging to implement and improve the practice around the world.

The **Research Anthology on Improving Medical Imaging Techniques for Analysis and Intervention** investigates and presents the recent innovations, procedures, and technologies implemented in medical imaging. Covering topics such as automatic detection, simulation in medical education, and neural networks, this major reference work is an excellent resource for radiologists, medical professionals, hospital administrators, medical educators and students, librarians, researchers, and academicians.

ISBN: 9781668475447   **Pages:** 1,700   **Copyright:** 2023   **Release Date:** September, 2022

Hardcover: **$2,500.00**   **E-Book:** **$2,500.00**   **Hardcover + E-Book:** **$3,025.00**

Topics Covered:

- Applied Intelligence
- Automatic Detection
- Big Data Analytics
- Medical Data Storage and Compression
- Medical Diagnosis
- Medical Image Fusion
- Medical Image Retrieval
- Medical Image Segmentation
- Metadata Analysis
- Neural Networks
- Simulation in Medical Education
- Ultrasound Despeckling

Subject: Medical, Healthcare, and Life Sciences

Classification: Critical Exploration

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners