

## INTRODUCTION TO MEDICAL IMAGING

- Introduction
- Image quality
- Imaging modalities
- Processing & analysis of medical images
- The future of Medical Imaging

By the end of this subject student should be able to:

1. Explain the basic principles of the major medical imaging techniques;
2. Explain the mode of operation and medical applications of the major medical imaging techniques;
3. Understand the advantages and disadvantages of the major imaging techniques, including potential hazards for patients;

### **Introduction**

**Medical Imaging** is the technique and process of creating visual representations (images) of the interior of a body, i.e., of internal structures that are hidden by the skin and bones.

It is used for sake of clinical analysis (e.g., to diagnose a disease) and medical intervention (e.g., to treat a disease).

It is used to establish a database of normal anatomy and physiology to facilitate the identification of abnormalities.

# Introduction To Medical Imaging Solutions

**D Keegan**

A decorative graphic element consisting of a light blue horizontal bar with a rounded right end, and a red circular glow behind it.

## **Introduction To Medical Imaging Solutions:**

## Enjoying the Song of Expression: An Psychological Symphony within **Introduction To Medical Imaging Solutions**

In a world consumed by monitors and the ceaseless chatter of quick transmission, the melodic splendor and psychological symphony created by the published term usually diminish into the background, eclipsed by the constant noise and disturbances that permeate our lives. Nevertheless, set within the pages of **Introduction To Medical Imaging Solutions** a marvelous fictional prize overflowing with organic feelings, lies an immersive symphony waiting to be embraced. Constructed by a wonderful composer of language, that interesting masterpiece conducts readers on an emotional journey, well unraveling the concealed tunes and profound impact resonating within each carefully crafted phrase. Within the depths with this poignant analysis, we will examine the book is main harmonies, analyze its enthralling publishing design, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

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