

Phys593 Contents محتوی

1. Ultrasound waves and its production; The interaction of ultrasound with tissues
2. Ultrasonic scanning: A-scan and B-scan methods; Doppler Effect and its applications.
3. 2. Ultrasonic scanning: A-scan and B-scan methods; Doppler Effect and its applications.
4. 3. X-rays and its production; X-rays spectra; Attenuation of X-rays
5. 4. The radiographic image; Diagnostic applications of X-rays; Advantages and disadvantages of X-rays
6. 5. Magnetic Resonance Imaging (MRI)
7. 6. Factors influencing the signal intensity; Instrumentation and equipment