

Features:

- User-friendly format: readers will be able to use the text to seamlessly explore the concepts between normal anatomy and abnormal radiographic appearances
- Systematic approach provided for each common radiographic projection
- Online case studies for readers to test and apply their clinical knowledge
- Key important learning points ('Insights')
- Annotated radiographic images and examples to support learning

Περιεχόμενα:**1- Principles of Image Interpretation**

Theory of image viewing (e.g. forming and interpreting patterns); principles of image interpretation when viewing radiographic images (e.g. satisfaction of search, systematic approaches/patterns); types and formats of image interpretation (e.g. preliminary clinical evaluation/comment, clinical reporting); structuring a comment

2- Normal appearances of bones and joints

Normal appearances of bones and joint; normal variants (including differentiating between normal variant and fracture).

3- Fractures and Joint Trauma

Biomechanics of trauma; patterns of injury; fracture types and healing; treatment

Chapters 4-9 will all follow a similar format by addressing each bone/joint in turn by considering:

- Systematic review of each bone/joint: how to assess, normal appearances/ measurements
- Common normal variants
- Patterns of injury
- Common injuries; radiographic appearances supported by other modalities where appropriate

4- Upper limb

Humerus, forearm, hand; elbow and wrist joints

5- Shoulder girdle and thorax

Clavicle, scapula, sternum, and ribs; shoulder, acromioclavicular, and sternoclavicular joints

6- Lower limb

Femur, tibia and fibula, foot; knee, ankle and foot joints

7- Pelvic girdle

Hip bones; hip joint

8- Spine

Cervical, thoracic, lumbar vertebrae; sacro-iliac joints

9- Facial bones and mandible

10- Practical applications of image interpretation

CPD and audit of image interpretation practices. Role of artificial intelligence.