

LIST OF FIGURES

Figure		Page
1	Anterior view of the pelvic atlas	2
2	Lateral view and medial aspect of the hip bone	2
3	Normal acetabular anatomy.....	3
4	Anterior and posterior views of pelvic ligaments.....	4
5	Anterior view of the pelvis (male and female).....	5
6	Anteroposterior radiograph of the male pelvis.....	6
	(a) Embedded in clear acrylic and then sliced, Axial CT throw (b) the sacroiliac joints. (c) Cephalad to the dome of the acetabulum, (d) through the dome of the acetabulum	7
7	Axial CT throw (d) the anterior column the posterior column. And the medial wall of the acetabulum. (e) Above the dome. (f) A slice through the central portion of the acetabulum. (g) The pelvis beyond the acetabulum	8
8	Anatomical axial CT scan of the pelvis.....	9
9	Anterior view of the pelvis in 3D CT.....	10
10	Diagram show the different types of Type A Fracture in Tile classification ...	11
11	Diagram show the different types of Type B Fracture in Tile classification ...	12
12	(A) AP (B) & (C) Axial views of Tile B1 Fracture.....	13
13	Diagram show the different types of Type C Fracture in Tile classification ...	13
14	(A)AP (B) Axial CT views of the pelvis With Tile C2 Fracture	14
15	Diagram show the different types of Lateral compression fracture	14
16	AP view Of pelvic (Type I LC fracture)	15
17	Inlet view of pelvic (Type II LC fracture).....	15
18	AP view of pelvic (Type III L C fracture).....	15
19	Diagram show the different types of AP Compression fracture	16
20	AP view of Type II APC fracture.....	16
21	Axial CT Type III AP compression fracture	17
22	Diagram show the Vertical shear fracture Type.....	17
23	(A) AP view of pelvic (B) Axial CT of the pelvic with VS fracture Type	17
24	AP view of Vertical shear fracture of the pelvis	18
25	A) Combined fracture pattern. (B) AP and lateral compression. Fractures of the left pubic rami, lateral compression, but disruption of the left sacroiliac joint, indicating AP compression	18
26	AP Radiograph of normal adult pelvis.....	19

Figure	Page
27 (A) Inlet view of the pelvis. (B) Outlet view of the pelvis.....	20
28 (A) Inlet (B) outlet (C) lateral views of the pelvic	21
29 (A) AP view. (B) Inlet view. (C) + (D) + (E) axial view (F) + (G) + (I) 3D CT images of Vertical shear case	23
30 A 16 years old male with lateral compression pelvic fracture (Young classification), type B2 (Tile classification) caused by Falling from height....	33, 34
31 A 23 years old male with lateral compression pelvic fracture (Young classification), type C1 (Tile classification) caused by road traffic accidents .	35, 36
32 A 35 years old female with anteroposterior compression pelvic fracture (Young classification), type B3 (Tile classification) caused by road traffic accidents	37,38
33 A 23 years old male with lateral compression pelvic fracture (Young classification), type C1 (Tile classification) caused by road traffic accidents .	39,40
34 A 30 years old male with vertical shear pelvic fracture (Young classification), type B2 (Tile classification) caused by falling from height.....	41

LIST OF ABBREVIATIONS

AP	: Anteroposterior view
APC	: Anterior-Posterior Compression
CM	: Combined Mechanism
CT	: Computed Tomography
Kvp	: Kilo Volt Peak
LC	: Lateral Compression
Lig	: Ligament
MA	: Milli Ampere
MDCT	: MultiDetector Computed Tomography
MPR	: Multiplanar Reconstruction
MM	: Milli Meter
MS	: Milli Second
MSCT	: Multi-slice computer tomography
MRI	: Magnetic Resonance Imaging
PA	: Posterior-Anterior
PRD	: Pelvic ring disruption
RTA	: Road Traffic Accidents
SI	: Sacroiliac joint
ST	: Sacrotuberous
SS	: Sacorspinous
SP	: Symphysis Pubis
VR	: Volume Rendering
VS	: Vertical Shear
3-D	: Three-dimensional