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6. OBSERVATIONS (PART 4)

9. AGE INCIDENCE OF VICTIMS IN RELATION TO DIFFERENT ORGANS

The age incidence of victims in relation to different organs is shown in Table-IX.

TABLE IX: SHOWING AGE INCIDENCE OF VICTIMS IN RELATION TO DIFFERENT ORGANS INVOLVED IN 122 CASES OF ABDOMINAL AND PELVIC TRAUMA

S.No.	*ORGANS INVOLVED*	*AGE GROUPS (IN YEARS)*						
		0-10	11-20	21-30	31-40	41-50	51-60	61-70
1.	Liver	3	14	35	14	10	4	6
2.	Spleen	2	9	21	10	5	1	4
3.	Kidney	1	5	17	8	3	-	2
4.	Stomach	-	1	-	3	2	1	1
5.	Small Bowel	-	1	2	8	2	-	1
6.	Large Bowel	-	1	2	5	2	-	1
7.	Mesentry	-	6	13	13	4	1	2
8.	Urinary Bladder	-	5	2	5	2	-	1
9.	Pancreas	-	1	4	4	2	-	1
10.	Adrenal Gland	-	-	-	3	1	-	1
11.	Pelvic Bones	2	11	21	12	5	2	5
	Total No. of Injuries	8	54	117	85	38	9	25

The persons in the age group of 21-30 years showed predilection for majority of the organs involved in abdominal and pelvic trauma victims (117 injuries). This was followed by the age group of 31-40 years (85 injuries).

10. FREQUENCY OF MULTIPLE INTRA-ABDOMINAL INJURIES

Frequency of multiple organ injuries is shown in Table-X.

TABLE X: SHOWING FREQUENCY OF MULTIPLE INTRA-ABDOMINAL ORGAN INJURIES IN 110 ABDOMINAL TRAUMA CASES.

S.No.	*NUMBER OF INTRA-ABDOMINAL ORGAN INJURIES*	*NON-PENETRATING CASES (BLUNT TRAUMA)*	*PENETRATING TRAUMA CASES*	*TOTAL NUMBER OF CASES*	*P (*
1.	One Organ Injuries	31 (28.18%)	2(1.82%)	33	3
2.	Two Organ Injuries	37(33.64%)	1(0.90%)	38	3
3.	Three Organ Injuries	19 (17.27%)	2(1.82%)	21	1
4.	Four Organ Injuries	8(7.27%)	1(0.91%)	9	8
5.	Five and above Organ Injuries	8(7.27%)	1(0.91%)	9	8
	Total Cases [Percentage (%)]	103 cases (93.64%)	7 cases (6.36%)	110 Cases	

Majority of the cases had involvement of two organs (34.54%), followed by involvement of one organ (30%).

11. ASSOCIATED INJURIES IN ABDOMINAL AND PELVIC TRAUMA CASES

Plain abdominal and pelvic injuries (alone) were found in 10.65% of total cases. Associated injuries of two or more than two body regions/areas were found in majority of cases (55.74%) as shown in Table-XI and Figure-VII.

TABLE XI: SHOWING INCIDENCE OF ABDOMINAL AND PELVIC INJURIES ALONE AND ASSOCIATED BODY INJURIES.

S.NO.	*TYPE OF INJURIES*	*NO. OF CASES*
1.	Abdomen/Pelvis Injury (AP)	13
2.	Abdomen/Pelvis + Head Injury (AP+HI)	15
3.	Abdomen/Pelvis + Chest Injury (AP+CI)	14
4.	Abdomen/Pelvis + Limb Injury (AP+LI)	12
5.	Abdomen/Pelvis + Injury to 2 or more than 2 body regions (AP+TWO)	68