

Table (1): Comparison between SBEM and sterile pleural effusion as regard clinical feature

Variable	SBEM (N=19)	Sterile pleural effusion (N=81)	P value
Encephalopathy			
No	6 (31.58%)	68 (83.95%)	<0.0001
Grade 1	12 (63.16%)	13 (16.05%)	
Grade 3	1 (5.26%)	0	
Abdominal pain			
No	9 (47.37%)	65 (80.25%)	0.003
Yes	10 (52.63%)	16 (19.75%)	
Cough			
No	2 (10.53%)	21 (25.93%)	0.23
Yes	17 (89.47%)	60 (74.07%)	
Dyspnea			
No	2 (10.53%)	12 (14.81%)	1.00
Yes	17 (89.47%)	69 (85.19%)	
Chest pain			
No	12 (63.16%)	58 (71.60%)	0.47
Yes	7 (36.84%)	23 (28.40%)	
Hypotension			
No	15 (78.95%)	79 (97.53%)	0.01
Yes	4 (21.05%)	2 (2.47%)	
Fever			
No	1 (5.26%)	67 (82.72%)	<0.0001
Low grade	16 (84.21%)	13 (16.05%)	
High grade	2 (10.53%)	1 (1.23%)	
HCC presence			
No	15 (78.95%)	72 (88.89%)	0.26
Yes	4 (21.05%)	9 (11.11%)	

Table (2): Laboratory findings in patients with SBEM and uncomplicated hydrothorax

Variable	SBEM (N=19)	uncomplicated hydrothorax(N=81)	P- value
CBC			
HB level:			0.70
Normal	5 (26.3%)	25 (30.8%)	(NS)
Reduced	14 (73.6%)	56 (69.1%)	
WBCS count :			
Normal	11(57.8%)	48 (59.2%)	0.91
Raised	8 (42.2%)	33 (40.7%)	(NS)
Platelets count:			
Normal	3 (15.7%)	11(13.5%)	0.73
Low	16 (84.2%)	70 (86.5%)	(NS)
Liver functions			
ALT:			
Normal	10 (52.6%)	43(53%)	
Raised up to 2.5 folds	7 (36.8%)	33 (40.7%)	0.79
Raised > 2.5 folds	2 (10.6%)	5 (6.3%)	(NS)
AST:			
Normal	9 (47.3%)	32 (39.5%)	0.73
Raised up to 2.5 folds	7(36.8%)	38(46.9%)	(NS)
Raised > 2.5 folds	3(15.9%)	11 (13.5%)	
Serum albumin:			
Normal	1 (5.3%)	3 (3.7%)	0.58
Reduced	18 (94.7%)	78(96.2%)	(NS)
Serum bilirubin:			
Normal	6 (31.5%)	24 (29.6%)	0.87
Raised	13 (68.4%)	57 (70.3%)	(NS)
Prothrombin time:			
Normal (up to 15 sec)	4 (21.1%)	17 (20.9%)	1.00
Prolonged (>15 sec)	15(78.9%)	64 (79%)	(NS)
(>3second than control)			

Table (3): Pleural fluid study of patients with SBEM in comparison with uncomplicated hydrothorax

Pleural Fluid Study	SBEM (N=19)	uncomplicated hydrothorax(N=81) accessible=69	P- value
PH: <7.59 >7.6	19 (100%) 0 (0%)	0 (0%) 69 (100%)	<0.0001 (S)
Protein (g/dL): <2.5 >2.5	8 (42.1%) 11 (57.9%)	29 (42.02%) 40 (57.97%)	0.99 (NS)
Glucose (mg/dL): <140 >140	15(78.94%) 4(21%)	18(26.08%) 51 (73.91%)	<0.0001 (S)
PMNL cells/mm3: <250 >250	0 (0%) 19 (100%)	69 (100%) 0 (0%)	<0.0001 (S)

Table (4): The distribution of pleural effusion in patients with uncomplicated hydrothorax and SBEM

Pleural effusion	SBEM (N=19)		uncomplicated hydrothorax (N=81)		p-value
	No.	%	No.	%	
Bilateral pleural effusion	1	5.26	4	4.94	0.99 (NS)
LT Side pleural effusion	2	10.53	8	9.88	
RT Side pleural effusion	16	84.21	69	85.19	
Total	19	100	81	100	

Table (5): Abdominal ultrasonographic findings in patients with SBEM and patients with uncomplicated hydrothorax

Abd U.S	SBEM		uncomplicated hydrothorax		p-value
	No.	%	No.	%	
LC with ascites	19	100	80	98.77	0.21 (NS)
LC without ascites	0	0	1	1.23	
Total	19	100.00	81	100.00	
Associated SBP:	10	(52.6%)	6	7.4%	<.005 (S)

