

Table 1- Clinical data of all patients and patients with SBP

Variables	All patients (N=100)	Patients with SBP (N=47)
Age Mean $\pm$ SD / Median (range)	62.02 $\pm$ 10.32 / 61 (30-86)	60.96 $\pm$ 9.94 / 60 (40-85)
Gender Females / Males	46 (46 %) / 54 (54%)	20 (42.55 %) / 27 (57.45%)
Cause of liver cirrhosis HBV / HCV Others	7(7%) / 42 (42%) 51 (51 %)	3(6.38%) / 20 (42.55%) 42 (51.06 %)
Child Pugh score Child B / Child C	57(57%) / 43 (43%)	27 (57.45%) / 20 (42.55%)
MELD score Mean $\pm$ SD / Median (range)	21.7 $\pm$ 2.9 / 14 (10-18)	12.6 $\pm$ 3.06 / 10 (10-18)
Fever No / Yes	16(16%) / 84(84%)	9 (19.15%) / 38(80.85%)
Abdominal pain No / Yes	16 (16%) / 84(84%)	6 (12.77%) / 41 (87.23%)
Hepatic encephalopathy No / Yes	52 (52%) / 48 (48%)	25 (53.19%) / 22(48.81%)
History of SBP No / Yes	85 (85%) / 15 (15%)	34 (72.34%) / 13 (27.66%)
Presence of SBP	47 (47%)	47 (100%)
Conventional culture	11 (11%)	11 (23.4%)
Blood culture	32 (32%)	32 (68.08%)

SBP, spontaneous bacterial peritonitis; HBV, hepatitis B virus; HCV, hepatitis C virus; MELD, Model for End-Stage Liver Disease;

Table 2-Accuracy of conventional culture compared to blood culture:

Blood culture				
Conventional culture		Positive	Negative	Total
	Positive	11	0	11
	Negative	21	15	36
	Total	32	15	47
Sensitivity		34.38%		
Specificity		100%		
Positive predictive value		100%		
Negative predictive value		41.67%		
Accuracy		67.19%		

Table 3 - Antibiotics sensitivity of positive bacterial growth in blood culture.

Drugs	Antimicrobial Sensitivity		
	Sensitive	Intermediate	Resistance
Amoxicillin/ Clavulonic A	10 (31.25%)	14 (43.75%)	8 (25%)
Amikacin	18 (56.25%)	13 (40.63%)	1 (3.13%)
Chloramphenicol	11 (34.38%)	18 (56.25%)	3 (9.38%)
Cefotaxime	0	12 (37.50%)	20 (62.50%)
Nitrofurantoin	14 (43.75%)	18 (56.25%)	0
Meropenem	32 (100%)	0	0

Neomycin	13 (40.63%)	17 (53.13%)	2 (6.25%)
Ampicillin / Sulbactam	17 (53.13%)	7 (21.88%)	8 (25%)
Tetracycline	9 (28.13%)	18 (56.25%)	5 (15.63%)
Levofloxacin	12 (37.50%)	12 (37.50%)	8 (25%)
Gentamycin	6 (18.75%)	21 (65.63%)	5 (15.63%)
Cefoprazole /Sulbactam	8 (25%)	15 (46.88%)	9 (28.13%)
Erythromycin	4 (12.50%)	18 (56.25%)	10 (31.25%)
Trimethoprim	5 (15.63%)	9 (28.13%)	18 (56.25%)
Sulfamethoxazole	3 (9.38%)	10 (31.25%)	19 (59.38%)
Rifampicin	2 (6.25%)	12 (37.50%)	18 (56.25%)