



Title	Impact of serum autotaxin level correlating with histological findings in biliary atresia
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Note	

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Table 1

Variables	n=35
Age, years	10.6 (1-39)
Gender, male/female	8/27
AST ,IU/L	38(10-177)
ALT ,IU/L	36(4.2-162)
Serum ailumin, g/dL	4.2(3.4-5.1)
Total bilirubin, mg/dL	0.7(0.4-3.9)
Prothrombin time, INR	1.1(1.0-1.4)
Platelets, 10 <sup>4</sup> /mm <sup>3</sup>	137(37-427)
Autotaxin, mg/L	1.6(0.6-4.0)
M2BPGi, COI	1.4(0.2-10.1)
Type IV collagen 7s, mg/L	6.7(3.7-19.0)
FIB-4	0.6(0.0-3.7)
Child-Pugh score	5(5-9)
Histological findings	
F0	4
F1	6
F2	5
F3	7
F4	13

Table 2

	AUC	Value	Sensitivity, %	Specificity, %
F4				
Autotaxin	0.80	2.07	71	85
M2BPGi	0.79	1.29	86	67
AST to ALT ratio	0.61	1.10	79	67
Platelet count	0.73	142	86	62
FIB-4 index	0.61	0.39	93	48
Type IV collagen 7s	0.78	6.60	83	71
≥F3				
Autotaxin	0.93	1.64	85	93
M2BPGi	0.95	1.29	90	93
AST to ALT ratio	0.59	1.10	70	60
Platelet count	0.70	148	80	67
FIB-4 index	0.43	2.50	10	100
Type IV collagen 7s	0.79	6.90	71	83