

Logistic regression equation: Pocket Diagnostic Chart

Purpose: diagnosis of liver disease

	No vs. Ob	Ac vs. Ch	Be vs. Ma		No vs. Ob	Ac vs. Ch	Be vs. Ma
Age: 31 – 64 years	+7	+5		<u>Physical examination:</u>			
≥ 65 years	+12	+5		Spiders	-6	+11	
<u>Previous history:</u>				Ascites	-3	+6	
Jaundice due to cirrhosis	-7	+8		Liver surface nodular		+5	
Cancer in GI-tract, pancreas, bile system, or breast	+10		+7	Gall bladder:			
				Courvoisier firm or tender	+16		+11
				+5			
Leukaemia or malignant lymphoma	-13			<u>Clinical chemistry:</u>			
Previous biliary colics or proven gallstones	+3	+7	-7	bilirubin ≥ 200μmol/l	+5	-5	+5
In treatment for congestive heart failure		-5		Alkaline phosphatase:			
<u>Present history:</u>				400 – 1000 U/l	+6		
≥ 2 weeks			+7	> 1000 U/l	+11		+6
Upper abdominal pain: sever	+9		-6	ASAT:			
slight or moderate	+4			40 – 319 U/l	-10	+5	
Fever:				≥ 320 U/l		+1	+6
without chills		-3	-5	Clotting factors:			
with chills		-6	-10	≤ 0.55		+8	+5
Intermittent jaundice	+5		-5	0.56 – 0.70		+5	+5
Weight loss (≥ 2 kg)			+4	LDH ≥ 1300 U/l		-5	+7
Alcohol:							
1 – 4 drinks per day	-4			SUM left			
≥ 5 drinks per day	-4	+4		CONSTANTS	-19	-21	-8
SUM left				TOTAL SCORE			

- No: non-obstructive
- Ob: obstructive
- Ac: acute
- Ch: chronic
- Be: benign
- Ma: malignant