

## QUESTION

1. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, weakness, and decreased appetite. The patient has a history of chronic liver disease and is currently on a low-fat diet. The patient's physical examination is notable for jaundice, ascites, and a positive Brudzinksky sign. The patient's laboratory studies are as follows:

Test	Result	Reference Range
White blood cell count	12,000/mm <sup>3</sup>	4,000-10,000/mm <sup>3</sup>
Hemoglobin	10 g/dL	12-16 g/dL
Hematocrit	30%	37-47%
Platelet count	100,000/mm <sup>3</sup>	150,000-400,000/mm <sup>3</sup>
Prothrombin time	18 seconds	11-13.5 seconds
Partial thromboplastin time	35 seconds	28-35 seconds
Bilirubin	4.5 mg/dL	0.1-1.2 mg/dL
Aspartate aminotransferase	150 U/L	0-37 U/L
Alanine aminotransferase	120 U/L	0-40 U/L
Gamma-glutamyl transaminase	250 U/L	0-40 U/L
Alkaline phosphatase	300 U/L	40-120 U/L
Ammonia	100 μmol/L	17-33 μmol/L
Urea nitrogen	20 mg/dL	7-20 mg/dL
Creatinine	1.5 mg/dL	0.6-1.2 mg/dL

2. The patient's physical examination is notable for jaundice, ascites, and a positive Brudzinksky sign. The patient's laboratory studies are as follows:

## ANSWER



3. The patient's physical examination is notable for jaundice, ascites, and a positive Brudzinksky sign. The patient's laboratory studies are as follows: