



## Patient A

Page no.

SURNAME

RECORD NO/DOB

GIVEN NAME(S)

A 32 year old overweight female with a history of binge drinking presents with nausea, fatigue and loss of appetite. She has a family history of liver cancer and has requested liver function tests and blood tests. Blood tests show a raised level of alpha fetoprotein (a protein that sometimes appears when patients have cancers, cirrhosis, hepatitis or are pregnant, these proteins are known as tumour markers). Liver function tests have returned within normal levels.

## MICROSCOPIC ANALYSIS

Patient A's liver tissue slide is .....

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Because .....

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## Patient B

Page no.

SURNAME

RECORD NO/DOB

GIVEN NAME(S)

A 28 year old female presents with ill defined upper abdominal pain, malaise and fatigue. She has noticed some weight loss and a feeling of fullness in her stomach, in addition to a loss of appetite. On examination she is jaundiced (skin appears yellow) with an enlarged liver. A hard, irregular edge to the liver is also present. Blood tests show a raised level of alpha fetoprotein (a protein that sometimes appears when patients have cancers, cirrhosis, hepatitis or are pregnant, these proteins are known as tumour markers). Additionally liver function tests appear deranged (an abnormal test result often associated with alcohol damage to the liver).

## MICROSCOPIC ANALYSIS

Patient B's liver tissue slide is .....

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Because .....

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## Patient C

Page no.

SURNAME

RECORD NO/DOB

GIVEN NAME(S)

A 42 year old male with a ten year history of alcohol abuse, amounting to two bottles of whiskey a day presents to Accident and Emergency with massive haematemesis (vomiting large volumes of bright red blood). He is resuscitated and admitted to hospital where clinical examination shows that he is jaundiced (skin appears yellow). His tests show results consistent with chronic liver disease, including finger clubbing (fingers swell and change shape), spider naevi (red marks on the skin that are spider shaped) and leg swelling. Liver function tests appear deranged (an abnormal test result often associated with alcohol damage to the liver).

## MICROSCOPIC ANALYSIS

Patient C's liver tissue slide is .....

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Because .....

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