



Prifysgol Cymru

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INTRODUCTION TO PHYSIOLOGY

Assessment 1

Practical test (Presentation)

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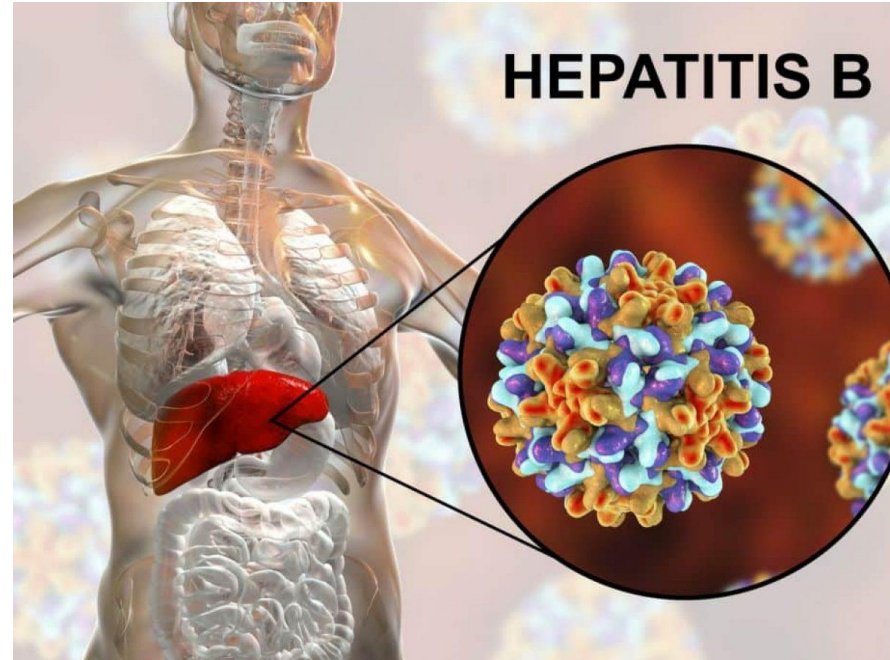


Hepatitis B and Lifestyle



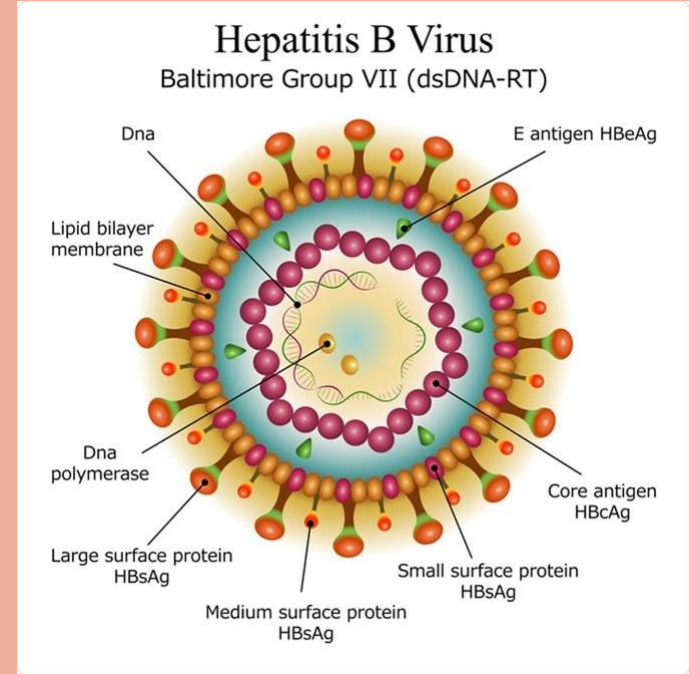
Introduction

- Patient A is suffering from Hepatitis B
- Anatomical and Physiological factors of this patient have changed.
- Several organisations in the UK have suggested management methods for Hepatitis B patients.



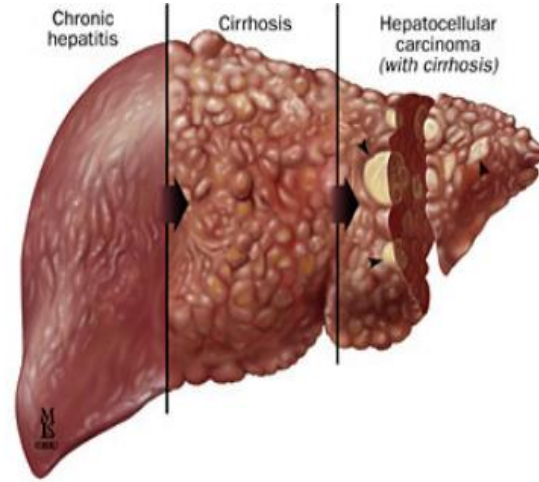
Patient's main health condition

- Patient was a consistent smoker
- Family history of angina
- Main health condition is that the patient is suffering from is Hepatitis B.
- Hepatitis B or HBV is a virus



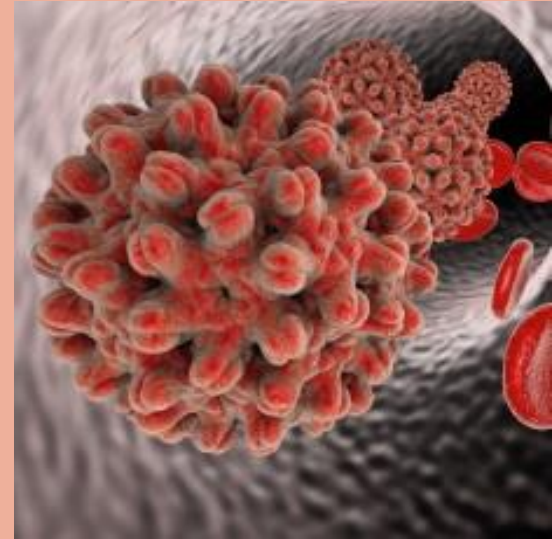
Anatomy of Hepatitis B patients

- Hepatitis B can cause the liver to undergo cirrhosis and hepatocellular carcinoma.
- Liver failure may also occur in patients.
- This disease can also affect the kidney.



Physiology of Hepatitis B patients

- Patients suffering from the disease often have a cytotoxic injury in the liver.
- Patients suffering from this disease may be asymptomatic initially



A close-up photograph of various surgical instruments, including two pairs of forceps and several scalpels, arranged on a blue surgical tray.

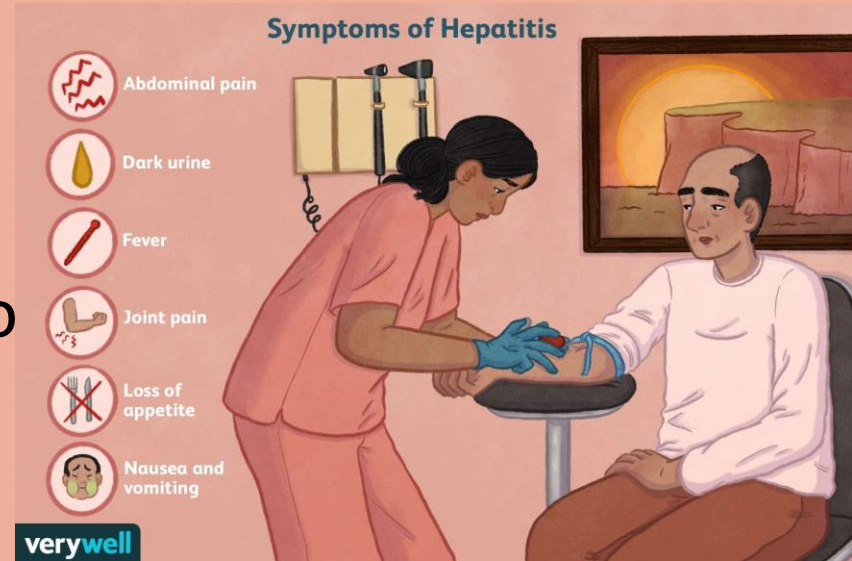
Health risk due to choice of lifestyle

- Sedentary lifestyle choices or sitting for long hours can cause the onset of the disease.
- Liver is affected due to heavy drinking and a sedentary lifestyle.



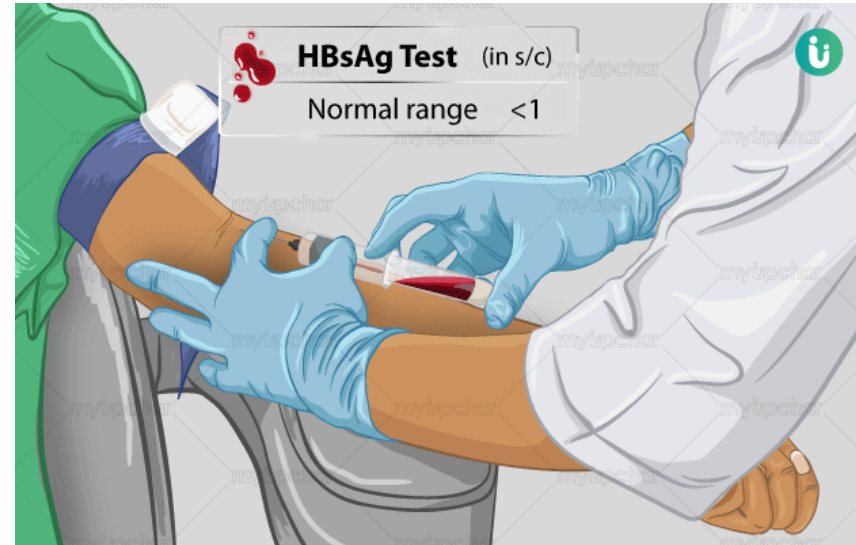
Recommendations for improvement- WHO

- Hepatitis B patients should maintain a balanced and healthy diet.
- People should also be practising safe sex by the use of condoms.



Recommendations for improvement- NHS

- Hepatitis B usually clears up without any treatment and patients can be offered painkillers.
- Patients should be kept in a 48-week course of peginterferon alfa-2-a.



Conclusion

- Hepatitis B is a disease that affects people with a sedentary lifestyle and alcoholic habits.
- Lifestyle changes can cause the severity of the disease to decrease.

Symptoms of Hepatitis

Early:



muscle pain
(myalgia)



joint pain
(arthralgia)



headache



fever



nausea

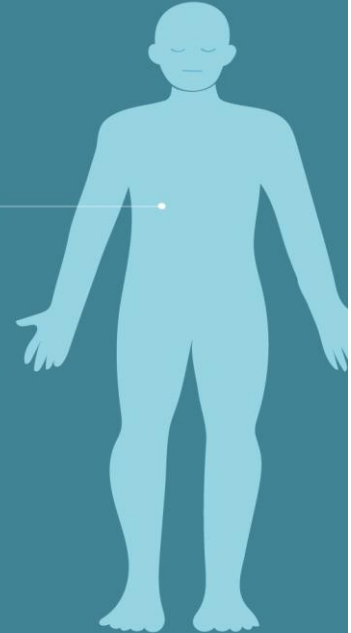
Tell-tale:



jaundice



choluria
(darkening
of urine)



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Thank You!