

Q- Define Hepatitis and discuss its major types, symptoms, diagnostics and treatment option. Also highlights the general effects of Hepatitis on liver health and suggest preventive measures?

A.



Hepatitis

The inflammation of liver that is caused by a bacterial virus, infection large exposure of alcohol, use of toxins drugs and chemicals that are presents in aerosol sprays and paints. Hepatitis also caused by use of medicines. There is another hepatitis called autoimmune hepatitis, a disease which occurs when body start making antibodies against liver tissues.

→ Types of Hepatitis.

There are some of major types of Hepatitis includes.

1. Hepatitis A virus.

Hepatitis A virus lives in feces of intestinal tract.

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→ How it spread?

It spread when an affected person used washroom and without washing hands handle Food. Peoples who contaminated with that food have a high risk of infection from the virus - It also spread when water contaminated with raw sewage, later when peoples drink that water and wash Fruits and vegetables easily get infected of HAV.

→ Symptoms of (HAV)

In additions to the general symptoms HAV also include Fevers, fatigue, jaundice, and diarrhea.

→ Treatment of (HAV)

HAV does not need a proper treatment, it can prevent easily, with proper diet but in some severe cases live transplantation is necessary.

(2)

~~HBV~~

Hepatitis B virus.

It lives in the blood and body fluids.

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HBV Spread when infected person come in bouch or ~~with~~ Sexual intercourse with affected one. It also delivered through needles and any sharp material that can break the skin. Children born from infected mother have a 90 to 95 Chances of having a HBV.

Treatment of (HBV)

researchers and Scientists are investigating on Prominence medicine of HBV. But currently available medicine is interferon which work only 35 to 40 percent of peoples. in Some severe cases live transplanation also done by doctors, but it is not really effective because after transplantation virus remains in the body which later can Cause the virus sepration in the body.

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Hepatitis C Virus.

It Spreading slowly when person use intravenous drug. It can Spread from the body fluid of

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affected person and use of affected razors, toothbrushes and also in child from a Hepatitis C virus diagnosed mother.

→ Treatment of (HCV)

~~There~~ interferon drug is also used to diagnosed HCV but it only works in 35 percent of people. The treatment of antiviral drug abiviror along with liver transplant given to patient who lapses with interferon.

→ General Effects of Hepatitis Includes.

~~are~~ some initials effects and symptoms of Hepatitis include.

- Muscle pain
- body pain
- Nausea
- Fever
- being sick
- Feeling sick
- High temperature of fever (35°C)
- abdominal pain

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- Joint pain
- diarrhea
- Yellowing of eyes and Skin
Jaundice (because liver fails to break small yellow pigments in the body.)

Some Chronic Infections includes.

- depression
- Feeling sick all the time
- inner feelings of being not well.

→ Effects of Hepatitis on liver

Hepatitis also prevent liver from performing some of life preventing function.

- 1- like Filtrations of virus from blood
- 2- Convert sugar into usable energy form
- 3- making of important proteins in the body.

Because of Hepatitis 400 million peoples lost their lives annually, which is highest number by 10 time with HIV cases.

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every 1 out of 20 ~~people~~ person is infected with Hepatitis virus and only 1 out of 100 being diagnostic. In 2013 1.5 million peoples died because of this - initial virus of Hepatitis A is mild because of it most of peoples are unaware that they even have this - live infection which is known as Hepatitis is commonly has many types A, B, C, D, E, in which A is mild but rest of types are serious and can be life taking.

Preventive measures:-

- 1- General preventive measures of Hepatitis include distant from affected person.
- 2- globulin injection can make the risk more low if it is given in first two weeks of virus exposure.
- 3- Avoid being in contact with fluid of infected person.
- 4- Hepatitis A and B can be measured and diagnosed easily.

good attempt! but the answer is lengthy and will affect your time management.

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Dignosists process.

It accumulates

liver Biopsy

ulter sounds.

blood test.

2- ulcer sounds.

3- blood test.

Past paper Q.

Q what is Tuberculosis? Explain briefly.

Ans.

Tuberculosis (TB).

Tuberculosis is an infectious disease, caused by a bacteria called mycobacterium Tuberculosis. It is spread when an ~~infected~~ affected person cough or sneeze. It damage the tiny air sac (alveoli) of the organs and disturb lungs capability to exchange carbon dioxide and oxygen.

Symptoms

- The symptoms of (TB) includes
- persistence cough for 2-3 weeks
- blood coughs
- weight loss
- night sweats
- fatigue
- fever

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→ Treatment.

It treatment includes long-course anti TB-vaccine (DOTs therapy)

→ Preventive measures.

✓ BCG ~~BCG~~ vaccines

in childrens, maintain distance from patient, and proper diagnosis and early treatment

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