

Baba Educational Society Institute of
Paramedical, College Of Nursing,
Chinhat, Lucknow

Health Education On:

Hepatitis.....

SUBMITTED TO:

Mrs. Gauri Ma'am

Lecturer of,
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SUBMITTED BY:

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Submitted Date:

14/03/19.
[Signature]
14/03/19.

Signature of subject Teacher

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LESSON PLAN

Student Teacher Name - Mahima Koushal.

Topic Hepatitis (viral hepatitis)

Group Medical ward (102)

Date 13-5-18

Time 11-12 Am

Duration 1 hour.

Venue Hospital (Baba hospital)

Method of teaching lecture

A.V aids. Chart, leaflet, pamphlet.

Teacher's Name Mrs. Gurnoor Salhi.

OBJECTIVES

General objective :- The group has no knowledge about hepatitis (viral hepatitis) after the session they will have some knowledge regarding viral hepatitis.

Specific objectives :-

At end of session the group will be able to understand.

Introduction of viral hepatitis.

Definition of viral hepatitis

Classification of the viral hepatitis.

Pathogenesis of viral hepatitis.

Mode of transmission.

Phases of viral hepatitis.

Pathophysiology of viral hepatitis

Prevention and control.

Salo time	Objective	Content	Structure of activity	Learning Activity	A-V aids	Evaluation
1. 3m	<p>Explain the introduction of communicable disease such as viral hepatitis.</p>	<p><u>Introduction</u> viral hepatitis may be defined as infection of the liver caused by any half dozen viruses, twenty years ago hepatitis A virus (HAV) and hepatitis B virus (HBV) were the only known etiological agents of viral hepatitis. Today in addition to HAV and HBV hepatitis viruses LC, B, E and G have also been identified and are recognized as etiological agents of viral hepatitis.</p>	<p>Student teacher discuss about the introduction of viral hepatitis</p>	<p>People learn about the introduction of viral hepatitis.</p>	<p>chart paper</p>	<p>People get knowledge about the introduction of viral hepatitis</p>

Sl. No.	Time	Objective	Contents	Preparation	Learning activity	HW	Evaluation
25	20m	<p>Explain the definition of viral hepatitis</p>	<p><u>Definition</u> - Liver inflammation caused by viruses. Specific hepatitis viruses. Specific hepatitis viruses have been labeled A, B, C, D and E. Some other viruses, such as the Epstein-Barr virus and cytomegalovirus can also cause hepatitis, but the liver is not their primary target.</p>	<p>Student search explain about the viral hepatitis</p>	<p>People gain some knowledge regarding the viral hepatitis</p>	chart	<p>Ask questions about the viral hepatitis.</p>

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S.no	Topic	Student's Activity	Teacher's Activity	A.V aids	Evaluation
37	<p>Discuss about the classification of viral hepatitis.</p>	<p>Student teacher explain about the classification of viral hepatitis.</p>	<p>People get some knowledge regarding the types of hepatitis.</p>	<p>Flash card.</p>	<p>Ask questions about the classification of the viral hepatitis.</p>
<p>Content</p>					
<p><u>Classification of the Viral hepatitis :-</u></p>					
<p>1] <u>Hepatitis A :-</u> (Picorna virus). - Hepatitis virus A (HAV) - Usually asymptomatic or mild. - Self-limiting within 1-2 weeks. - Contaminated food, water.</p> <p>2] <u>Hepatitis B :-</u> (Hepadna virus) - Hepatitis virus B (HBV) - Similar to hepatitis A but may progress to cirrhosis or liver and liver failure. - Contact with infected fluids (blood, semen, saliva)</p>					

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3] Hepatitis E (Flavi virus)

- Hepatitis virus (HEV)

- often asymptomatic with 75-85%

chronic carriers may cause

cirrhosis and liver failure.

4] Hepatitis D (Delta virus)

- Hepatitis virus D (HDV)

- similar to hepatitis B, become

chronic in severe cases.

- 1-2 months incubation time)

5] Hepatitis E (Calici virus)

- Hepatitis virus (HEV)

- generally asymptomatic as

mild and self limiting

not chronic

2-9 weeks incubation time)

Microbiology

Ecology

RV

Evolution

Topic	Learning Objectives	Classroom Activity	Assessment	Evaluation
<p>4. Discuss about the causes of viral hepatitis.</p> <p><u>Etiological factors</u></p> <p><u>Acute</u></p> <ul style="list-style-type: none"> • Acute viral hepatitis (eg: HAV, HEV) • Toxic hepatitis (Drug chemical) • Acute metabolic hepatitis • Ischemic hepatitis <p><u>Chronic</u></p> <ul style="list-style-type: none"> • Viral hepatitis (HCV, HBV, HDV) • Alcohol hepatitis • Drug (acetaminophen, methyclop) • Non-alcoholic fatty liver • Autoimmune hepatitis 	<p>Student</p> <p>Teachers</p> <p>able to</p> <p>know</p> <p>about</p> <p>the</p> <p>causes</p> <p>that</p> <p>can</p> <p>viral</p> <p>hepatitis</p>	<p>People</p> <p>are</p> <p>able to</p> <p>know</p> <p>about</p> <p>the</p> <p>causes</p> <p>of</p> <p>viral</p> <p>hepatitis</p>	<p>Health</p> <p>card.</p>	<p>Ask</p> <p>questions</p> <p>to</p> <p>the</p> <p>cause</p> <p>of</p> <p>viral</p> <p>hepatitis.</p>

Sl. No	Time	Objective	Content	Teacher Activity	Learner Activity	A.V. aids	Evaluation
47	2 min	Annotate about the epidemiological trend of viral hepatitis.	<p><u>Pathogenesis :-</u></p> <p>* <u>Agent factors :-</u> Viral hepatitis is caused by HAV (infectious hepatitis) HBV (serum hepatitis), HCV (Non A - Non B), HDV (Delta agent) HEV (Non A Non B)</p> <p>* <u>Host factors :-</u></p> <ul style="list-style-type: none"> - All age group but mostly seen in children. - Young children's (1-4 years) of age must likely to develop chronic infections. <p>* <u>Environmental factors :-</u></p> <ul style="list-style-type: none"> - Alcohol use. - Diabetes - Obesity 	<p>Student Teachers discuss about the agent host and environment factors of viral hepatitis.</p>	<p>People get to know the agent host and environment factors of the hepatitis</p>	<p>leaflet</p>	<p>Questions related to the agent, host & environment factors of the viral hepatitis</p>

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Sl. No.	Topic	Content	Student Teacher	Teacher's activity	AVV	Evaluation
57	Discuss about the mode of transmission of viral hepatitis	<p><u>Mode of Transmission</u></p> <p><u>Hepatitis A (HAV)</u> Fecal oral route.</p> <p><u>Hepatitis B (HBV)</u> Blood borne, Sexual, Vertical.</p> <p><u>Hepatitis C (HCV)</u> Blood Borne, Parenteral.</p> <p><u>Hepatitis D (HDV)</u> ÷ Blood Borne (dependence HBV) - coinfection.</p> <p><u>Hepatitis E (HEV)</u> ÷ Fecal oral route.</p>	Student teacher discuss about the transmission of viral hepatitis	People to know about the mode of transmission of viral hepatitis	Pamphlet	People will be asked questions related to the viral hepatitis infection mode of transmission.

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Sl. No.	Content	Student Teachability	Classroom Activity	No. of Girls	Evaluation
67	Elaborate the phases of viral hepatitis	Student teacher elaborates the phase of viral hepatitis	People get the knowledge regarding the phase of viral hepatitis	Flash card	People answer the question related to phases of viral hepatitis.
	<p><u>Phases of Viral hepatitis</u></p> <p>* <u>Incubation phase</u> :- Non specific symptoms before the onset of typical hepatitis. Most common complaint is Malaise.</p> <p>* <u>Icteric phase</u> :- Dark urine our jaundice due to increased level of bilirubin, most distinctive symptoms, pruritis.</p> <p>* <u>Convalescent phase</u> :- Begins with the disappearance of jaundice and other symptoms of enzyme levels will fall but will remain slightly elevated for some time.</p>				

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Topic	Content	Student Activity	Teacher Activity	Resources	Evaluation
Illustrate about the pathophysiology of viral hepatitis	<p><u>Pathophysiology</u></p> <p>↓</p> <p>Due to etiological factors.</p> <p>↓</p> <p>Exposure to hepatitis viruses.</p> <p>↓</p> <p>Infection and infection of the liver.</p> <p>↓</p> <p>Hepatocyte damage.</p> <p>↓</p> <p>Necrosis of the part of the liver alteration of liver function.</p> <p>↓</p> <p>Persistence of the concentration weakening.</p> <p>↓</p> <p>Viral hepatitis.</p>	Student teacher illustrate about the pathophysiology of viral hepatitis	People get chart knowledge regarding the pathophysiology of viral hepatitis	PV chart PO	Illustrate about the pathophysiology of viral hepatitis.

Date	Topic	Teaching activity	Learning activity	Assess	Evaluation
27/2/2017	Discuss about the sign and symptoms of viral hepatitis	Student teacher discuss about the sign & symptoms of viral hepatitis	People gets to know about the sign and symptoms of viral hepatitis	Fresh card	Asked questions related to sign & symptoms of viral hepatitis.
<p style="text-align: center;"><u>Content</u></p> <p style="text-align: center;"><u>Acute Sign & Symptoms</u></p> <ul style="list-style-type: none"> • fever • Malaise. • Myalgia & arthralgia. • Nausea & vomiting. • Abdominal pain. • Dark Urine. • clay coloured stool • Jaundice. <p style="text-align: center;"><u>Chronic Sign & symptoms</u></p> <ul style="list-style-type: none"> • Fatigue • weight loss. • peripheral oedema. • Ascites 					

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Content

Diagnostic Evaluation

- History collection.
- Physical Examination.
- Hepatitis profile study (To identify antibodies specific to the causative viruses)
- Blood test (Serum bilirubin level increased)
- Prothrombin time prolonged (greater than 3 second)
- WBCs (increased count)
- Liver biopsy.
- Serum alkaline phosphatase
- Creatinine increased.

1) 2000 Narrate about the Diagnostic test.

Student teacher narrates about the diagnostic test to identify viral hepatitis

People are new club to know about the diagnostic test the are performed to identify viral hepatitis

Teacher objective

People are new club to know about the diagnostic test the are performed to identify viral hepatitis

Teacher objective

Evaluation
Questions related to diagnostic test.

Learning Objectives	Content	Activity	Resources	Evaluation
Students should be able to explain about the prevention and control of viral hepatitis	<p><u>Prevention and control of viral hepatitis</u></p> <ul style="list-style-type: none"> - Use only sterile equipment for injections and other medical procedures. - Test all donated blood and blood components. - Promote the use of the Hep B vaccine (1st at birth and at 12 months - 6 - 18 months) - Develop safer sex practices - Don't share contaminated objects such as needles, razor etc. 	Student teachers explain in detail about the prevention and control of viral hepatitis	People get knowledge regarding the prevention and control of viral hepatitis	Flash card. Best questions suggested to the prevention & control of viral hepatitis

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Serial no.	Topic	Content	Activity	Activity	Chart	Discussion question
12	Summary about the viral hepatitis	<p><u>Summary</u> viral hepatitis is an inflammatory of the liver caused by a virus. Over time inflammation can lead to scarring, which is known as cirrhosis and eventually to liver failure. The most common type of hepatitis in the world are hepatitis A, B, and C.</p>	<p>Student teacher will explain and interview the viral hepatitis</p>	<p>People get to know about the viral hepatitis</p>		<p>Discussion question about the viral hepatitis</p>