

Incidence of AVH Hepatitis-A in children's in Age Group 4-14 years in June 2023 Reported

Mayank Chugh¹, Satender Tanwar²

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Abstract

Viral hepatitis, caused by hepatitis viruses A through E, still remains a major public health problem in India. AVH being most commonly encountered seasonal disease found in the epidemic area of northern India in Bhiwani Haryana. As it is most common water borne infection found in the children's at the age group between the 4-14 years of age. The HAV is most common than the HEV infection found in the children's, the cases has been reported and found in the study which has been found here and cases reported and achieved and found more of HAV Cases. The cases here reported have been between the Months of June especially during the summer vacation of the school. The inference drawn here is conclusive of the water borne disease such as the diarrhea, and the Hepatitis A.¹ The observation made during the summer season, the more exposure to the water due to thirst, excessive travelling, and swimming pool and water parks.

The maximum cases reported here and found to have the history of above said ailments.

Keywords: AVH; HAV; Jaundice; Vomiting; Pain Abdomen; Vaccination.

INTRODUCTION

Viral hepatitis, caused by hepatitis viruses A through E, still remains a major public health problem in India.

Hepatic disease have found to burden the society in all age groups.² No age group is spare of these

ailments varies from acute to chronic and mild to fulminant in Nature.³ The Child age groups is the most tender one and maximally effected the children at various age groups in the present study the children, effected found to have history of fever with persisting vomiting and pain abdomen on evaluation found to have the Hepatitis A on laboratory investigation.⁴

Author Affiliation: ^{1,2}Consulting Gastroenterologist & Hepatologist, Department of General Medicine and Gastroenterology, Chugh Hospital, Bhiwani 127021 Haryana, India.

Corresponding Author: Satender Tanwar, Consulting Gastroenterologist & Hepatologist, Department of General Medicine and Gastroenterology, Chugh Hospital, Bhiwani 127021 Haryana, India.

E-mail: drsatendertanwar@gmail.com

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CASE STUDY

- 20 Children Age group 4-14 years taken for study on complaints of pain abdomen, vomiting and restlessness with dehydration state.

Age Group	Male	Female
4-14 Years.	12	8

- Complaints Observed in the following age groups.

Complaints	Male	Female
Fever	++++	+++
Pain Abdomen	++	++
Nausea	++++	+++
Vomiting	++	++
Icterus	+++	+++

VIRAL	Male	Female
A	10	6
E	2	1

Acute viral hepatitis can be caused by five major hepatitis viruses:

- Hepatitis A
- Hepatitis B⁵
- Hepatitis C
- Hepatitis D
- Hepatitis E⁶

In this study the patient observed and found to have the Viral A, serotypes most common the following observation has been made which shows the following. The hepatitis A virus is the most common cause of acute hepatitis in seasonal.⁷

- A poor appetite
- A general feeling of illness (malaise)
- Nausea and vomiting
- Fever
- Pain in the upper right part of the abdomen
- Blood tests⁸

OBSERVATION

From the above said data and History and the clinical examination done suggestive of the all have given following details:

- History of Travelling
- Water intake outside
- Swimming pool they have enjoyed at it was summer vacation period
- Consumption of Unhealthy Liquid food, Water, Etc from outside stall and shops

CONCLUSION

Viral Hepatitis⁹ being most common and

commonly found in water born infection, and similar statistic and data has been achieved from this study that during the summer vacation maximum travelling¹⁰ done by school going children's and enjoyed summery vacation outside with their family in water world, fun world and swimming pools.¹¹

As the data and statistics shows that Hepatitis Being most widely spread by water infection similarly. Found in this study and the future preventive measure and precautionary tool can be framed to minimize the outbreak of such viral phenomenon.¹²

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