

Intestinal Parasitic Infestation among Children with chronic Liver diseases

Thesis

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By

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Summary

Chronic liver diseases are the continuity of clinical or biochemical evidence of hepatic dysfunction for longer than six months. Chronic liver diseases in children are relatively common disorders with minimal symptoms but long-term risk of significant morbidity and mortality particularly in developing countries.

Intestinal parasites are among the most common infections worldwide, constituting major public health problem in developing countries. Intestinal parasites are linked to diarrhea, dysentery, abdominal pain and related gastrointestinal manifestations.

Many parasites may inhabit the upper or lower gastrointestinal tract, pancreas, liver, gallbladder and biliary tree. The extent of the disease depends on the parasite burden and stage of infestation, the type of tissue response and host immunity.

The aim of our work was to study the common intestinal parasites among children with chronic liver diseases.

This study was conducted on 100 children, 50 children with chronic liver diseases of different etiologies recruited from



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A decorative frame in the shape of a stylized four-lobed flower or star, rendered in green and yellow. It features intricate floral and geometric patterns in red, pink, and orange. The frame encloses the central text.

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا
عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم

سورة البقرة آية (٣٢)

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List of Abbreviations

α1-AT	Alpha 1-antitrypsin
ALP	Alkaline phosphatase
ALT	Alanine transaminase
AMA	Anti-mitochondrial antibody
ANA	Anti-nuclear antibody
ASMA	Anti-smooth muscle antibody
AST	Aspartate transaminase
BASM	Biliary atresia splenic malformation
BMI	Body mass index
CBC	Complete blood count
CD4	Cluster of differentiation 4
CD8	Cluster of differentiation 8
CF	Cystic fibrosis
CLD	Chronic liver disease
CMV	Cytomegalovirus
CPK	Creatinine phosphokinase
CT	Computed tomography
E.histolytica	Entamoeba histolytica
EBV	Epstein barr virus
EEG	Electroencephalography
ELISA	Enzyme-linked immuno-sorbent assay
ERCP	Endoscopic retrograde cholangiopancreatography
GGT	Gamma-glutamyl transpeptidase
HAI	Histological activity index

HAV	Hepatitis A virus
HBcAb	Hepatitis B core antibody
HBcAg	Hepatitis B core antigen
HBeAg	Hepatitis B envelope antigen
HBsAb	Hepatitis B surface antibody
HBsAg	Hepatitis B surface antigen
HBV	Hepatitis B virus
HBV DNA	Hepatitis B virus DNA
HCC	Hepatocellular carcinoma
HCV	Hepatitis C virus
HDV	Hepatitis D virus
HEV	Hepatitis E virus
HIV	Human immunodeficiency virus
LKM	Anti-liver kidney microsomal antibody
MRI	Magnetic resonance imaging
OLT	Orthotopic liver transplantation
PAIR	Puncture aspiration injection respiration
TC	Triangular cord
WD	Wilson's disease
WHO	World health organization
Z.N stain	Zeihl-neelsen stain

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