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Case Report

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[Diffuse large B-cell Lymphoma mimicking as cholangiocarcinoma in a young male presenting with obstructive jaundice](#)

The involvement of bile duct in lymphoma is considered to be very rare and is usually a sequela of a disseminated disease [1]. In contrast to secondary involvement, primary non-Hodgkin's lymphoma arising from the bile duct is extremely rare and presents with obstructive jaundice [2,3]. Non-Hodgkin's lymphoma (NHL) accounts for 1% - 2% of all cases of malignant biliary obstruction [4]. Hepatobiliary involvement by malignant lymphoma is usually a secondary manifestation of systemic lymphoma. The first case of Non-Hodgkin lymphoma arising from bile duct was described by Nguyen in 1982 [5]. Most common extra nodal involvement of NHL is abdomen. Although, involvement of the stomach, pancreas or common bile duct is not common [6]. We present to you a case of 31year old male who presented to us with obstructive jaundice and was later diagnosed as Diffuse Large B-Cell lymphoma.

Mini Review

Published Date:- 2021-08-17

[Non-alcoholic fatty liver disease: Update on treatment options and translational implications of sleep disruption](#)

Non-alcoholic fatty liver disease (NAFLD) is a condition that is associated with cirrhosis and hepatocellular carcinoma, and is increasing in prevalence worldwide. Sleep disruptions are commonly seen in NAFLD, and the disease process is associated with sleep disorders, including obstructive sleep apnea, circadian rhythm disorders, and insufficient sleep. The intermittent hypoxia seen in obstructive sleep apnea may contribute to fibrotic changes in the liver.

A major component of this linkage may be related to gut microbiome changes. One notable change is increase in Bacteroidetes/Firmicutes ratio, and decrease in flora that ferment fiber into anti-inflammatory short-chain fatty acids. Several therapeutic options exist for NAFLD that target both sleep and NAFLD, including non-pharmacological factors, such as lifestyle modification (mainly diet and exercise). Pharmacological options include melatonin, Vitamin E, thiazolidinediones, and fecal microbiota transplantation.

Core tip

The pathogenesis of non-alcoholic fatty liver disease is closely tied to sleep and circadian rhythm abnormalities, through shared inflammatory pathways and altered metabolism. This review explores the pathogenesis of NAFLD in the context of sleep and circadian abnormalities. The associated inflammatory response is linked to changes in gut-microbiome interactions that contribute to the disease process. Understanding of this linkage has implications for various therapies for disease mitigation.

Research Article

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[Management outcome of intestinal obstruction done by integrated emergency surgical officers and its associated factors in selected district hospitals of South Wollo Zone, North East Ethiopia in 2019 G.C](#)

Background: Intestinal obstruction (IO) is defined as a partial or complete blockage of the bowel that results in the failure of intestinal contents to pass through. It is a common cause of emergency surgical problems. IO has been the leading cause of acute abdomen in several African countries.

Objective: To assess surgical management outcome of intestinal obstruction by IESO professionals and its associated factors of intestinal obstruction in surgically treated patients at South Wollo zone.

Method: A cross-sectional study was done on 216 patients 'the data was collected from medical cards of the patient by using a pretested data abstraction format. Three nurses were involved in the process of data collection. The collected data was cleaned, coded and analyzed by SPSS version 23 statistical package. First descriptive statics was done for categorical and analyzed using frequencies and percentage. Multivariable logistic regression models was used to determine the association factors on the management outcome of intestinal obstruction when p - value < 0.05 and the strength of statistical association was measured by adjusting odds ratio and 95% confidence interval. Statistical significance was taken at p - value < 0.05.

Results: From all study participants about 177 (82%) of them had good surgical outcome. Study participants who were managed by 1-3 years of work experience of IESO {(p = 0.004, AOR (95% CI) = 7.2[1.89, 27.68]}, preoperatively diagnosed as small bowel obstruction {(p = 0.001, AOR (95% CI) = 4.5[1.91, 10.40]}, Surgery conducted at day time {(p = 0.03, AOR (95% CI) = 2.8[1.06, 7.16]} had shown positive association with management outcome of intestinal obstruction conducted by IESO professionals.

Conclusion and recommendation: Majority patients with intestinal obstruction had good surgical outcome done by IESO professionals. Year of experience of IESO Workers, preoperative diagnosis and time of surgery of the respondents had shown positive association for the occurrence of chronic liver disease whereas. In this study we can conclude that surgeries of intestinal obstruction conducted by IESO professionals are as good as intestinal obstruction surgeries conducted by physicians so there is a need to train more IESO professionals to deliver decentralized surgical service for rural areas.

Research Article

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[Asdamarin™ relieves functional dyspepsia in healthy adults in only 7 days: A randomized, double-blind, placebo-controlled pilot study](#)

Functional dyspepsia (FD) is a prevalent global health concern increasing with years. Inspired by the Traditional Chinese Medicine (TCM) liver-stomach disharmony syndrome in order to find a quick natural alternative treatment, a Ferula asafoetida-Silybum marianum (Asdamarin™) combined extract has been developed and proved its rapid efficiency and its safety with a 7-day randomized, double-blind, placebo-controlled pilot study (CTRI/2018/05/013993 dated 21/05/2018) conducted on 70 healthy human volunteers (aged 18–60 years) supplemented with 250 mg / twice a day of either a placebo or Asdamarin™. Subjects were evaluated from baseline to the end of the study (EOS) through changes in Gastrointestinal Symptom Rating Scale (GSRS), changes in Glasgow Dyspepsia Severity Score (GDSS) and changes in the short form of Nepean Dyspepsia Index (NDI-SF) for Quality of Life. Compared to the baseline a significant reduction (p < 0.001) of GDSS questionnaire score was noted in the Asdamarin™ group (from 5.66 ± 3.1 at baseline to 5.09 ± 2.8 at the End Of Study (EOS)) compared to placebo group (from 2.77 ± 1.3 baseline to 2.69 ± 1.3 EOS), a significant decrease (p < 0.001) of GSRS score noted in the Asdamarin™ group (from 32.11 ± 8.6 baseline to 19.11 ± 5.4 EOS) compared to the placebo group (from 25.23 ± 3.6 baseline to 23.2 ± 4.9 EOS), and a significant reduction (p < 0.001) of NDI-SF scoring was noted in the Asdamarin™ group (from 15.74 ± 4.1 baseline to 11.54 ± 2.1 EOS) compared to placebo group (from 12.54 ± 3.2 baseline to 11.63 ± 2.6 EOS). Asdamarin™ has been found safe and very well tolerated during the study.

Case Report

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[Giant hepatic cystadenoma mimicking a hydatid cyst: A challenging preoperative diagnosis](#)

Biliary cystadenoma is a rare cystic tumor of the liver. It has a high recurrence rate and malignant transformation risk in middle-aged women. Pre-operative diagnosis is difficult because of the lack of clinical, biological and radiological specificity. The confirmation of the diagnosis is made by the histopathological examination. Complete surgical resection is preferred because of the high risk of malignant transformation and recurrence.

[Recurrent hydrothorax due to diaphragmatic perforation post hepatocellular carcinoma radiofrequency ablation: A case report](#)

Radiofrequency ablation is one of the most commonly used therapies for potentially curative small hepatocellular carcinoma. Although radiofrequency is usually a safe procedure, severe and potentially fatal complications can happen. This is a case of a 72 years old woman with cirrhosis secondary to Metabolic Associated Fatty Liver Disease (MAFLD), who presented recurrent hydrothorax after treating hepatocellular carcinoma (HCC) with radiofrequency ablation (RFA), and in which diaphragmatic perforation was subsequently diagnosed. We reviewed the differential diagnosis and management in a pleural effusion after a radiofrequency procedure. Although diaphragmatic perforation is an uncommon complication after RFA procedure, this case aims to help clinicians being aware of non-habitual complications.

[Systematic review and meta-analysis of drug induced liver injury secondary to biologic medications in inflammatory bowel disease](#)

Drug-induced Hepatotoxicity and biologic drugs have historically been challenging in IBD. We aim to study the prevalence of hepatotoxicity in adult patients using biologic medications.

[Stem cell therapy in children with acute liver failure: The dream could come true](#)

Acute liver failure (ALF) in children is a severe disease with a high mortality rate. The current treatment strategies are still defective, with many cases die when liver transplantation is unavailable. The current protocol of steroids therapy improved the survival rate of hepatitis A virus (HAV)-related ALF. However, there is still a high mortality for non-HAV cases. Stem cell therapy (SCT) has been tried in experimental animals with ALF and in few adult studies with acute-on-chronic liver failure. No previous trials of SCT have been tested in children with ALF. The absence of SCT application in ALF in children could be due to some issues. These could be related to safety, sources, administration route, optimum dosage, efficacy, and survival. It is proposed that could be the future therapy if these obstacles have been well studied and solved.
