# \_Wednesday, September 7, 2016 \_\_\_\_

10:00 - 10:30				
	Opening Ceremony			
Siham Abdel-Reheim	Secretary General of the Congress			
Yousry Taher	President of the Congress			
Magdy Hegazy	Ministry of Health, Alexandria Deputy Minister			
Adel Fouad Ramzy	President of Global Academy of Tropical Health & Surgery			
Ashraf El-Ghandour	Vice Dean of Faculty of Medicine Alexandria University			
Hilmy Abaza	President of the Society			

10:30 - 11:30				
HCV related, Thrombocytopenia and Cryoglogulinemia / Treatment of NS5A Failures				
			eid Hassan Ibrahim ndria University	
Chairpersons	Farouk Mekki Alexandria University		m Boghdady ıfia University	
	Siham Abdel-Reheim Alexandria University			
10:30 - 10:40	Update management of HCV related thrombocytopenia		Manal El-Sorady Alexandria University	
10:40 - 10:50	HCV related cryoglogulinemia		Montaser Zaid Alexandria University	
10:50 - 11:00	Treatment of NS5A failures  Mahmoud Anis Tanta University			
11:00 - 11:10	1:00 - 11:10 Olysio, sofosbuvir for HCV genotype IV: Alexandria experience Abdel-Fattah Hanno Alexandria University			
11:10 - 11:20	Cardiovascular monitoring of hepatic patients Khaled Yassin NLI			
11:20 - 11:30 Discussion				

### . Wednesday, September 7, 2016 .

11:30 - 12:30				
	Session II: IBD What i	s New1	?	
Chairmaraana	[2] '[4] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2		d EI-Tawdy Medical Academy	
Chairpersons	Ezzat Aly Alexandria University		med Amin Sakr ams University	
11:30 - 11:40	Effect of medical treatment of Crohn's disease on the outcome of Surgery		Khalid Madbouly Alexandria University	
11:40 - 11:50	Hyperbaric oxygen therapy stimulates colonic stem cells and induces mucosal healing in patients with refractory ulcerative colitis: a prospective case series		Nahid Baddour Alexandria University	
11:50 - 12:00	IBD: Nutrients deficiency and dithery interventions		Mohamed Amin Sakr Ain Shams University	
12:00 - 12:10	Interesting difficult IBD case presentation		Walid Hamid Ain Shams University	
12:10 - 12:20	Optimisation of thiopurine therapy in IBD patients		Ahmed Zaid Alexandria University	
12:20 - 12:30	Discussion			



# Wednesday, September 7, 2016 \_\_\_\_

12:30 - 13:30				
Sess	Session III: IgG4 Hepatopathy, HE and Biliary Problems			
Chairnerann			<b>la Sedki</b> dria University	
Chairpersons	Saied El-Kayal Alexandria University		a Anwar ams University	
12:30 - 12:45	IgG4 related hepatopathy		Amany Saleh Alexandria University	
12:45 - 13:00	Brain changes in Hepatic Enceohalopathy		Ehab Hassona Alexandria University	
13:00 - 13:15	5 Difficult cholecystectomy		Wael Nabil Alexandria University	
13:15 - 13:30	Adverse outcomes with lack of follow up following emergency department visit for biliary colic		Tamer Abdel-Baki Alexandria University	



# \_Wednesday, September 7, 2016 \_\_\_\_

13:30 - 14:30				
	Session IV: Liver Cancer: Talks and Updates			
Chairpersons	Adel Fouad Ramzy Cairo University  Chairpersons  Amr H NLI		ilmy ned Rafik Khalil	
	Hassan El-Bahrawy Alexandria University		dria University	
13:30 - 13:40	Impact of DAAs on long term controlled HCC patients on follo	w up	Omar El-Aasar Alexandria University	
13:40 - 13:50	Intrahepatic cholangiocarcinoma: An emerging problem		Maher Osman Menoufia University	
13:50 - 14:00	Radioembolisation using yttrium 90 microspheres as bridge\ing and downstaging treatment for unresectable HCC prior to liver transplantation: Initial single centre experience		Mohamed Rabei Alexandria University	
14:00 - 14:10	10 Yr experience of combined surgical resection with locoregional treatment among Egyptian HCC patients		Ahmed El-Gendi Alexandria University	
14:10 - 14:20	New staging system for HCC		Mohamed Kohla Menoufia University	
14:20 - 14:30	14:30 Discussion			



# .Wednesday, September 7, 2016 \_\_\_\_

14:30 - 15:30			
Session V	: Laparoscopic Surgery and C	eliac	Nerve Block Update
Chairnaraana	Alexandria University Alexa		ed Shawki andria University
Chairpersons	Ibrahim Abdel-Kader NLI		I Abdel-Baki andria University
14:30 - 14:40	Laparoscopic sleeve gastrectomy as a revision surgery		Mohamed Sharaan Alexandria University
14:40 - 14:50	Bile leake after laparoscopic cholecystectomy		Nour El-Hoda El-Zakaky Alexandria University
14:50 - 15:00	The role of laparoscopy in diagnosis of ascites of obscure etiology		Wael Barakat Sohag University
15:00 - 15:10	latrogenic hiliary injuries:		Ibrahim Abdel-Kader NLI
15:10 - 15:20	Celiac nerve block in advance HCC Mohamed El-Shafie Alexandria University		
15:20 - 15:30 Discussion			



# Wednesday, September 7, 2016 \_\_\_\_

15:30 - 16:30				
Ses	Session VI: Budd Chiari Syndrome and GIT Bleeding			
Chairmana			ned Tarek andria University	
Chairpersons	Nadia Ali El-Deeb Cairo University		ika Naser University	
15:30 - 15:45	Budd Chiari syndrome: Hepatologist point of view		Ahmed Zaid Alexandria University	
15:45 - 16:00	Budd Chiari syndrome: Radiologist point of view		Hassan Abdel-Salam Alexandria University	
16:00 - 16:15	Radiological aspects of Chronic GIT bleeding		Mohamed El-Warraky Menoufia University	
16:15 - 16:30	Tricks in the management of gastric fundal variceal bleeding what is new?		Ali Farag Cairo University	



# .Wednesday, September 7, 2016 \_\_\_

16:30 - 18:30				
Session VII: Global Academy of Tropical Health and Surgery Symposium				
	Adel Fouad Ramzy Cairo University		ed El-Garem University	
Chairpersons	Essam Mousa Alexandria University		uk Mekki andria University	
	Mohamed Abu Hatab Military Medical Academy			
16:30 - 16:45	Thyroid disease for medicinal o surgical treatment	r	Adel Fouad Ramzy Cairo University	
16:45 - 17:00	Global efforts to eliminate domestic violence		Shafika Naser Cairo University	
17:00 - 17:15	Surgical site infection		Ahmad El-Tawdy Military Medical Academy	
17:15 - 17:30	Unusual presentations of parasitic diseases		Nadia El-Deeb Cairo University	
17:30 - 17:45	Virus hepatitis in Egypt		Wagida Anwar Ain Shams University	
17:45 - 18:00	Cancer in Children		Yasser Saad El-Deen Alexandria University	
18:00 - 18:15	Overview of good clinical practice in clinical trials conduction		Azza Saleh TBRI	
18:15 - 18:30 Discussion				



Global Academy of Tropical Health and Surgery

# . Wednesday, September 7, 2016 \_

21:00 - 22:00			
Session VIII: Treatment of HCV with DAAs Drugs Important Issues from Real Life Experience (Panel Discussion)			
Moderator	Yousry Taher Alexandria University		
	Ashraf Omar Cairo University	Fathalla Sedki Alexandria University	
Donalista	Hilmy Abaza Alexandria University	Mohamed Sharaf El-Deen Tanta University	
Panelists	Siham Abdel-Reheim Alexandria University	Taher El-Zanaty Cairo University	
	Wagida Anwar Ain Shams University		

All guests are invited for this important panel discussion

Light Dinner will be serviced for attendants



# Chursday, September 8, 2016 \_\_\_

10:00 - 11:00			
Session I: NASH the Coming Epidemic / Egyptian Guidelines of Higher Committee for HCV control			
Chairnersons	Abdel-Fattah Abdel-Salam Ain Shams University  Hussein Abdel-Hamid Al Azhar University		
Chairpersons	Mohamed Kassem Alexandria University	Mohamed Sharaf El-Deen Tanta University	
10:00 - 10:15	NASH update Taher El-Zanaty Cairo University		
10:15 - 10:30	Guidelines of higher committee for HCV control Omar Heikal Military academy		
10:30 - 10:45	Emerging antifibrotic therapies in the treatment of NASH?  Mohamed Kohla Menoufia University		
10:45 - 11:00 Discussion			



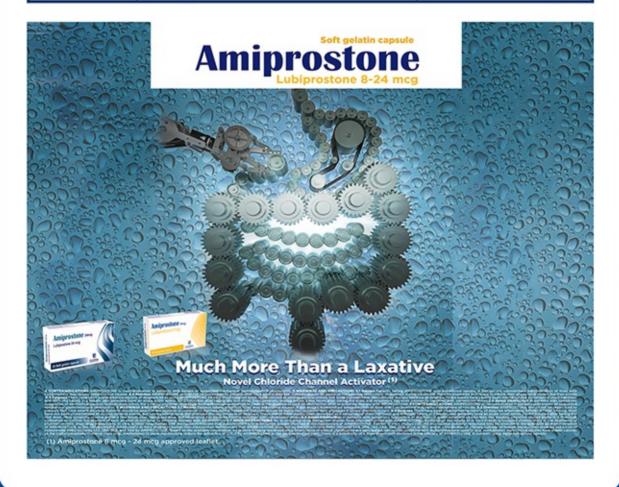
# Chursday, September 8, 2016 \_

11:00 - 11:30			
AstraZeneca Symposium			
Metabolic Aspects of PPIs and Impact on GERD Management			
Chairnaraana	Fatma Mourad Al Azhar University	Gamal El-Ebeidy Mansoura University	
Chairpersons	Ibrahim Mostafa Mahmoud Osman TBRI Ain Shams University		
11:00 - 11:30	Metabolic aspects of PPIs and i impact on GERD management	ts	Fathalla Sedki Alexandria University



# Chursday, September 8, 2016 📥

11:30 - 12:00				
	El Andalus Symposium			
Rome IV Criteria and IBS-c				
Chairnaraana	Alaa Abdo Alexandria University	Ali Farag Cairo University		
Chairpersons	Fathalla Sedki Alexandria University  Siham Abdel-Reheim Alexandria University			
11:30 - 12:00	Rome IV criteria and IBS-c update Management Yousry Taher Alexandria University			



### . Chursday, September 8, 2016 🗕

12:00 - 12:30			
Hikma Symposium			
Update Management of Acid Breakthroughs			
Chairnaraana	Mahmoud Osman Ain Shams University	Samir Kabil Benha University	
Chairpersons	Yehia El Shazly Ain Shams University  Yousry Taher Alexandria University		
12:00 - 12:30	Goodbye for acid breakthroughs  Ali El-Kadi Alexandria University		







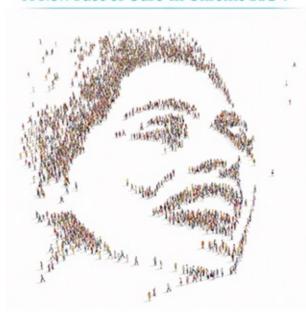
## . Chursday, September 8, 2016 🔔

12:30 - 13:15			
Abbvie Symposium			
Gurevo in HCV genotype 4 Treatment; Update			
Chairnaraana	Hilmy Abaza Hosny Salama Alexandria University Cairo University		
Chairpersons	Ibrahim Mostafa Mohsen Salama TBRI NLI		en Salama
12:30 - 12:50	Qurevo Updates Hesham El-Khayat TBRI		
12:50 - 13:10	Qurevo is it for treatment of HCV genotype 4 in renal patients only?  Ahmed Zaid Alexandria University		
13:10 - 13:15 Discussion			

GT4 Chronic Hepatitis C Patients With or Without Cirrhosis

# Introducing **Qurevo®**:

A New Face of Cure in Chronic HCV



INDICATIONS:
Querror is indicated in conteination with other medicinal products for the treatment of drowic bepartits C (CHC) in adults

## Chursday, September 8, 2016 🗕

13:15 - 14:00			
	Takeda Symposi	um	
Helicobacter	pylori (Toronto Consensus) / GE	RD: A N	lew Era of Management
Chairmaraana	Ayman Yousry Cairo University	Esmat Sheba Cairo University	
Chairpersons	Mahmoud Osman Ain Shams University	Sherif Abdel-Fattah Military Medical Academy	
13:15 - 13:35			Amr Fateen Ain Shams University
13:35 - 13:55	Dexilant a new era of PPI management of GERD		Yousry Taher Alexandria University
13:55 - 14:00 Discussion			

#### The next generation PPI





## Chursday, September 8, 2016 \_

14:00 - 14:45			
	Utopia Symposiu	ım	
Prokinetic Drug and Immediate Release PPIs / Helicobacter Pylori Treatment as a Prevention of Gastric Cancer			
Chairnarana	Ayman Yousry Cairo University	Fathalla Sedki Alexandria University	
Chairpersons	Hilmy Abaza Alexandria University	Siham Abdel-Reheim Alexandria University	
14:00 - 14:20	Helicobacter Pylori Treatment as a prevention of gastric cancer Ahmed Zaid Alexandria University		
14:20 - 14:40	Prokinetics , immediate release PPIs role in management of GERD Yousry Taher Alexandria Univer		Yousry Taher Alexandria University
14:40 - 14:45	Discussion		

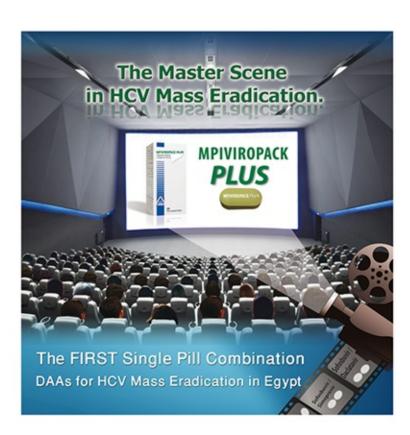


## . Chursday, September 8, 2016 \_

14:45 - 15:15			
Marcyrl Symposium			
Ledipasivir plus Sofosbuvir as A Choice for HCV Genotype 4 Treatment			
	Esmat Sheba Cairo University	Hosny Salama Cairo University	
Chairpersons	Omar Heikal Military Medical Academy	Siham Abdel-Reheim Alexandria University	
	Yousry Taher Alexandria University		
14:45 - 15:15	Ledipasivir plus sofosbuvir for HCV Genotype IV treatment Gamal Esmat Cairo University		







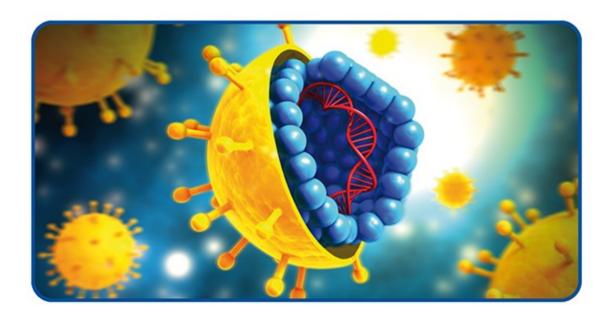
# Chursday, September 8, 2016 🗕

15:15 - 16:00				
	Janssen Symposium			
Pariet and Rescue treatment of Helicobacter pylori / Recent Approach for Refractory Idiopathic Constipation				
Chairpersons	Gamal Esmat Cairo University	Ibrahim Mostafa TBRI		
	Mahmoud Omar Kuwait	Taher El-Zanaty Cairo University		
15:15 - 15:35			Abdel-Fattah Hanno Alexandria University	
15:35 - 15:55	Treatment of refractory constipation Yousry Taher Alexandria University			
15:55 - 16:00	15:55 - 16:00 Discussion			



# Chursday, September 8, 2016 \_\_\_

16:00 - 17:00				
Session II: HCV Treatment, Recent Advances (Round Table Discussion)				
Chairpersons	Hassan Hamdy Ain Shams University  Samir Kabil Benha University  Mohamed R. Baddar Ain Shams University  Sherif Abdel-Fattah Military Medical Academy			
Chairpersons				
Moderator	Yousry Taher Alexandria University			
16:00 - 16:15	Persistence of HCV RNA after DAAs Hilmy Abaza Alexandria University			
16:15 - 16:30	How to avoid relapse and mutation in HCV treatment?  Ayman Yousry Cairo University			
16:30 - 16:45			Hosny Salama Cairo University	
16:45 - 17:00	17:00 Coming new HCV therapies Gamal Esmat Cairo University			



# Friday, September 9, 2016 \_\_\_\_

10:00 - 11:00				
GERD: Challenges of the Long-Held Beliefs about Gastroesophageal Reflux Disease / Capsule Endoscopy in GIT Bleeding				
			ussein Abdel-Hamid Azhar University	
Chairpersons	Ibrahim Boghdadi Menoufia University		hamed Abu Hatab tary Medical Academy	
	Nabil Abdel-Baki Alexandria University			
10:00 - 10:10	The "acid" in "acid reflux" may not be the direct cause of damage to the esophagus		Esmat Sheba Cairo University	
10:10 - 10:20	Acute gastroesophageal reflux disease and esophageal histology		Adel Hassan Suez Canal University	
10:20 - 10:30	Anti-Reflux surgery what with and what against		Nabil Gad El-Hak Mansoura University	
10:30 - 10:40	Clinical impact of small bowel capsule endoscopy in GIT bleeding  Mahmoud Omar Kuwait			
10:40 - 10:50	Safety of long duration uses of PPI clinical points		Mohamed Sharaf El-Deen Tanta University	
10:50 - 11:00	10:50 - 11:00 Discussion			



# \_Friday, September 9, 2016 \_\_\_

11:00 - 12:00			
Session II: HBV on the Same Way of HCV, Could it be Possible?  Liver Cancer Deaths are Increasing			
	Ahmed El-Garem Cairo University Ali El-Kadi Alexandria University		
Chairpersons	Amr Fateen Cairo University	EI-Saied Ibrahim Alexandria University	
	Siham Abdel-Reheim Alexandria University		
11:00 - 11:15	Liver cancer death rates are increasing		Mohamed Ezz El-Arab NHTMI
11:15 - 11:30	Pipeline drugs for treatment of HBV? Fathalla Sedki Alexandria University		Fathalla Sedki Alexandria University
11:30 - 11:45	Vaccination against HBV: Egyptian program update Hassan Hamdy Ain Shams University		Hassan Hamdy Ain Shams University
11:45 - 12:00	Hepatitis B is cure possible?		Alaa Hashem El Azhar University



# \_Friday, September 9, 2016 \_\_\_\_\_

13:30 - 14:30				
Session III: Pancreatic Head Cancer and Cyst				
Gamal El-Ebeidy Ibrahii Mansoura University NLI		him Abdel-Kader		
Chairpersons	Maher Osman Menoufia University	Nabil Abdel-Baki Alexandria University		
	Siham Abdel-Reheim Alexandria University			
13:30 - 13:45	Pancreatic cancer risks in patients with pancreatic cysts		Khalid Abul-Ella NLI	
13:45 - 14:00	Obstructive jaundice: Dilemma of diagnosis of the cause		Maher Osman Menoufia University	
14:00 - 14:15	Malignant obstructive jaundice in the NCI Cairo university review of 232 patients		Ashraf Sobhy Zakaria National Cancer Institute	
14:15 - 14:30	Endoscopic ultrasound guided		Amr El-Rabat Mansoura University	



# \_Friday, September 9, 2016 \_\_\_\_

14:30 - 16:00				
	Session IV: Interactive Case Presentation			
	Ahmed Shawki Alexandria University Amira Shams El-Deen Alexandria University			
Chairpersons	Mahmoud Omar Kuwait		<b>it El-Sahar</b> Medical Academy	
	Mohie El-Shafie Assiut University			
14:30 - 14:40	Splenic vein embolisation a dra procedure	stic	Hilmy Abaza Alexandria University	
14:40 - 14:50	Large gastric GIST tumor: Medicosurgical approach		Ahmed Shawki Alexandria University	
14:50 - 15:00	Idiopathic portal hypertension: Case presentation		Mohamed El Warraky Menoufia University	
15:00 - 15:10	Acute cholecystitis in situs inversus totalis		Mohamed Sharaan Alexandria University	
15:10 - 15:20	Intestinal obstruction unusual presentation		Hassan El-Bahrawy Alexandria University	
15:20 - 15:30	Intestinal gas		Adel El Rakkib Al Azhar University	
15:30 - 15:40	Solid pseudo papillary tumor: a rare neoplasm of the pancreas case report		Ashraf Sobhy Zakaria National Cancer Institute	
15:40 - 15:50	UGIT bleeding due to gastric vascular malformation, case presentation		Mahmoud Mesallam Damanhour Fever Hospital	
15:50 - 16:00	Bleeding peptic ulcer in special situation: A case study		Abdel-Hamid Serwah Suez Canal University	

### Chursday, September 8, 2016 \_\_

#### **Poster Session**

#### VIP Hall Thursday, September 8, 2016 12:00 - 16:00

LARGE BENIGN HEPATOCELLULAR TUMORS IN CHILDREN. REPORT OF A RARE

Presenting author: Ashraf Sobhy Zakaria

DIAGNOSTIC VALUE OF RIZ1 GENE EXPRESSION AS A POTENTIAL MARKER FOR PATIENTS WITH HEPATOCELLULAR CARCINOMA

Presenting author: Mohamed Abbasy

IMPACT OF MYOFIBROBLAST ON HEPATIC FIBROGENESIS IN HCV INFECTED PATIENTS: MULTIPLE IMMUNOFLUORESCENCE AND ULTRASTRUCTURAL STUDY

Presenting author: Soheir Mansy

INFECTION CHALLENGES IN CIRRHOTIC PATIENTS

Presenting author: Mohamed El Nadry

NAFLD AS A MULTISYSTEM DISEASE

Presenting author: Tarek E. Korah

NON PARASITIC LIVER CYST

Presenting author: Mohamed Aboushady

ROLE OF THE ENDOSCOPIC ULTRASOUND IN DIAGNOSIS AND TREATMENT OF

**PANCREATIC TUMORS** 

Presenting author: Ashraf Sobhy Zakaria

### Chursday, September 8, 2016 \_

#### **Poster Session**

#### VIP Hall Thursday, September 8, 2016 12:00 - 16:00

ROUTINE NASOBILIARY INSERTION DURING ERCP TO PREVENT, DIAGNOSE AND TREAT OF BILIARY INJURY IN HIGH RISK PATIENTS.

Presenting author: Alaa Sewefy

THE DIAGNOSTIC UTILITY OF BACT/ALERT 3D SYSTEM FOR DETECTION OF MYCOBACTERIUM TUBERCULOSIS IN TUBERCULOSIS LABORATORY OF ALEXANDRIA MAIN UNIVERSITY HOSPITAL Presenting author: Mayada Nabil Ibrahim Gad

TRUNCATED 16 WEEKS DUAL SOFOSBUVIR/RIBAVIRIN THERAPY NOT INFERIOR TO THE RECOMMENDED 24 WEEKS COURSE IN THE SUBSET ANALYSIS OF CHRONIC HCV GENOTYPE 4 PATIENTS WHO HAD VERY RAPID VIROLOGIC RESPONSE Presenting author: Mostafa Yakoot

UPPER GASTROINTESTINAL BLEEDING IN CARDIAC PATIENTS , CLINICAL AND ENDOSCOPIC PROFILE

Presenting author: Neeraj Nagaich

UROTENSIN II AS A NOVEL MARKER FOR PORTAL HYPERTENSION AND BLEEDING

VARICES: AN EGYPTIAN SURVEY Presenting author: Khaled Metwally

UTILITY OF CLAVIEN GRADIENT SYSTEM IN LIVING LIVER DONOR HEPATECTOMIES

Presenting author: Sameh Hamdy



is recommended by IDSA\* guideline as *Initial Empiric Monotherapy* treatment of intra-abdominal Infection



Gastroenteritis Food Poisoning Diarrhea



Gastritis & H-Pylori



Spontenous bacterial Peritonitis SBP

> Colon inflamation & Appendicitis



**Indication & Dose** 

5-14 days

\* Infectious Disease Society of America Guidelines • CID 2010







#### **Protect Liver...**

#### ...Stimulate Immunity

# Liver Diseases Risk Factors



#### Symptoms

Fatigue - Elevated liver enzymes - Indigestion -Abdominal pain



#### BRAIN CHANGES IN HEPATIC ENCEOHALOPATHY

Author: Ehab Hassona

Affiliation: Alexandria University

Hepatic encephalopathy (HE) is a brain disorder caused by chronic liver failure, particularly in patients with cirrhosis, which results in cognitive, psychiatric, and motor impairments. In these patients, the number of functional liver cells is reduced, and some blood is diverted around the liver before toxins are removed. As a result, toxins such as ammonia and manganese can accumulate in the blood and enter the brain, where they can damage nerve cells and supporting cells called astrocytes. Positron emission tomography analyses have determined that ammonia levels are elevated in the brains of HE patients; ammonia accumulation can alter the expression of various important brain genes. Magnetic resonance images show that manganese is deposited in a brain area called the globus pallidus; manganese deposits may be responsible for structural changes in the astrocytes that are characteristic of HE.

#### **BUDD CHIARI SYNDROME: HEPATOLOGIST POINT OF VIEW**

Author: Ahmed Zaid

Affiliation: Alexandria University

Budd-Chiari syndrome is an uncommon condition induced by thrombotic or nonthrombotic obstruction of the hepatic venous outflow and is characterized by hepatomegaly, ascites, and abdominal pain. The prognosis is poor in patients with Budd-Chiari syndrome who remain untreated, with death resulting from progressive liver failure in 3 months to 3 years from the time of the diagnosis. Following portosystemic shunting, however, the 5-year survival rate for patients with the syndrome is 38-87%. The actuarial 5-year survival rate following liver transplantation is 70%. Pathologic findings in liver biopsy are high-grade venous congestion and centrilobular liver cell atrophy, and, possibly, thrombi within the terminal hepatic venule. Systemic thrombolysis can be a high-risk endeavor; local thrombolysis performed by an interventional radiologist is preferable. Other available radiologic interventions include balloon angioplasty, as well as placement of a stent or a transjugular intrahepatic portacaval shunt (TIPS).



#### CEREBROSPINAL FLUID CORTISOL LEVEL FOR DIFFERENTIATION BETWEN ASEPTIC AND BACTERIAL MENINGITIS IN ADULTS

**Authors:** Ayman Faried El-Shayeb<sup>(1)</sup>, Soraya Abdel Fatah Hamoda<sup>(1)</sup>, Hossam Fathy Abo El-kheir<sup>(1)</sup>, Iman Tayaa Elsayed<sup>(2)</sup>, Iman Magdi Mohamed Mohamed<sup>(1)</sup>

**Affiliation:** Tropical Medicine<sup>(1)</sup>and Clinical pathology<sup>(2)</sup>department Faculty of Medicine, University of Alexandria

Background: Meningitis is inflammation of the protective membranes covering the brain and spinal cord, known collectively as the meninges. The inflammation may be caused by infection with viruses, bacteria, or other microorganisms, and less commonly by certain drugs.

Objective: The purpose of this work was to study the utility of cerebrospinal fluid (CSF) cortisol level as a simple, rapid marker for discriminating between acute bacterial meningitis and acute aseptic meningitis on admission and whether intrathecal level of this marker had prognostic value.

Patients and Methods: 40 patients with meningitis. Evaluation included Complete blood picture, complete urine analysis, lumbar puncture for Cerebrospinal fluid analysis, cerebrospinal fluid gram stain, serology and culture for bacteria, Cranial tomography of the brain, Cerebrospinal fluid Cortisol using ELISA test.

Results: we observed significantly higher concentration of cortisol in Cerebrospinal fluid of patients with bacterial meningitis ( $46.55 \pm 17.43$  ng/ml) as compared to the aseptic meningitis group ( $23.50 \pm 5.25$  ng/ml) (p<0.001\*). There was marked decrease in CSF cortisol level in response to treatment in both groups.

Conclusion: The higher CSF cortisol levels in bacterial meningitis may suggest its use as a valuable, rapid, relatively inexpensive diagnostic marker in discriminating between bacterial and aseptic meningitis. Moreover, The significant reduction in CSF cortisol levels following treatment in both groups reflecting its validity in monitoring treatment response.