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| **Pre-Program Activities**  |  **Pre-Works****Pre-Lecture 1 – Viral Hepatitis –**A summary for discovery and natural history of HCV 60 min**Pre-Lecture 2 - End Stage Liver Disease**: An overview of Treatment, Managing Complications chronic liver disease, cirrhosis, and the transplant process – 45 min |
| **7:30 am** | ***Registration and View Exhibits*** |
| **8:00 am** | **Opening Comments and Pre-Test** |
| **8:20 am**  | **Advances in the Screening and Treatment of HCV**  * Highlight of Pre-Lecture 1
* Updates on diagnostic approaches
* Screening and Treatment of HCV
* Caring for At-risk populations – homeless, PWID, the incarcerated
* Novel FDA Approved Direct Acting Anti-virals
* Clinical Cases and Discussion
 |
| **9:10 am** | **Hepatitis B: Epidemiology, Natural History, Testing and Treatment** * The epidemiology of the Hepatitis B infection
* Efficacies and opportunities in HBV testing and vaccination
* Disease progression and impact on liver health
* The efficacy of HBV Vaccination
* Anti-viral therapies of HBV
* The growing relationship between HBV and HDV
* HBV Re-activation
* Latest studies from EASL and AASLD
 |
| **9:40 am** | **Delta Hepatitis and Hepatitis E Update** * Global and US perspective on the growth of Delta Hepatitis
* Lonafarnib and Bulevirtide of HDV: Benefits and potential hazards
* Testing and surveillance approaches
* Real world outcome studies on HDV and HEV
* Management of Chronic HEV
 |
| **10:15 am** |  ***Break and View exhibits*** |
| **10:30 am** | **End Stage Liver Disease: Recap and Clinical Cases** * A review of Pre-course lecture on end-stage liver disease
* Complications of cirrhosis
* Liver transplant in the era of DAA’s
* Clinical cases to illustrate HE. HRS and/or Thrombocytopenia
 |
| **11:05 am** | **Hepatocellular Carcinoma(HCC) - Screening and Disease Progression*** Screening diagnostic serum assays and imaging tests
* Treatment and management options: Ablation, TACE and Surgery
* New studies showing cost effectiveness of surveillance post SVR
* PRIUS Study (MRI vs US) Abbreviated MRI
* 2023 AASLD screening guidance for liver cancer
* AASLD guidance is less critical of liver biopsy for cancer detection
 |
| **11:40 am** | **Hepatocellular Carcinoma: New Systemic Treatment Options** * **A case-based approach to HCC treatment**
* Promising 1st and 2nd line therapies for liver cancer
* New data on the benefit of downstaging
* New chemotherapy regimens in development and testing Immunotherapy as the new MoA for HCC
* Checkpoint inhibitors and VEGE inhibitors
 |
| **12:15 pm** | ***Luncheon and Disease Awareness Session*** |
| **1:00 pm** | ***Dessert and View Exhibits*** |
| **1:15 pm** | **Cholestatic Liver Disease: Primary Biliary Cholangitis and Primary Sclerosing Cholangitis** * Epidemiology of PSC and Ursodiol and Antibiotic Treatments
* Predicting outcomes and Improving Survival in PSC patients
* Causes and Markers of PBC
* Coping with the clinical features of PBC
* Ursodeoxycholic Acid (UDCA) and Obeticholic Acid
* Highlights of the ELATIVE study on elafibranor and the ENHANCE study on seladelpar
 |
| **2:00 pm** | **Alcohol Associated Liver Disease** * The growing prevalence of alcohol over-consumption and its impact on liver health
* Alcohol consumption and malnutrition
* Warning signs and intervention in alcohol-associated hepatitis
* Promising therapeutic agents for AAH
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| ***2:30 pm*** | ***Break & View Exhibits*** |
| **2:45 pm** | **Steatotic Liver Disease: The new healthcare epidemic** * New naming conventions for fatty liver disease: MASLD and MASH– what and why?
* Epidemiology, Demographics and Diagnosis
* Scoring, Staging and Management of Metabolic Liver Disease
* The ‘unhealthy” rise in MASLD in the US population and What can be done
* Treatment options for thrombocytopenia; including alternatives to platelet transfusion.
 |
| **3:20 pm** | **MASH Treatments in Practice and in Development** * Current therapies for NASH including Updates from AASLD and EASL
* Lifestyle changes as a therapy
* Drugs in clinical development for NASH – Semaglutide and Resmiteron
* MASH Diagnosis and Treatment case
 |
| **4:00 pm** | **Closing Comments, Post-test and Wrap-Up** Program adjourns at 4:15 pm |
| **Post Program lectures:** | **Lecture 3 - Fluid Management, Ascites and Hepatorenal Syndrome** 30 minutes **Lecture 4** - **Overcoming barriers to liver health in special populations** - 45 minutes**Lecture 5 – AASLD Update – Highlights of the 2023 Liver Meeting –** 30 minutes |

**Course Director: Paul J. Pockros, MD - Scripps Health**

**Peer Review:**  **Tracy Ander, DO - University of Louisville School of Medicine**