

Advanced Topics – Liver Anatomy and Physiology Presented by - Bernardo Alfredo Valencia, MD

Date: June 26, 2025, Thursday

Time: 6:00 pm – 9:15 pm (inclusive of 15 minutes break)

Location: Live Streaming Via Zoom Events (ZOOM Link will be shared after successful completion of payment)

Education Level: Intermediate to Advanced

Credits/Contact Hours:

CCHI- Application has been made to the Certification Commission for Healthcare Interpreters for approval of CEAP units.

IMIA: Application has been made to the International Medical Interpreters Association for approval of CE hours.

MassRID CEU: MassRID is an approved RID CMP sponsor for continuing education activities. Application has been made to MassRID for Professional CEU units.

Workshop Fees: \$35

CEU Fee: \$35 workshop fee is inclusive of CEU fees for CCHI and IMIA
RID CEUs are free to all members in good standing pending proof of attendance and completion of CEU request form and evaluation.

Workshop Description:

This 3-hour interactive workshop provides a comprehensive overview of liver anatomy and physiology for medical interpreters, with an emphasis on common liver diseases and the liver transplant process. Participants will learn the liver's role in the body, from its basic anatomy and functions (e.g., metabolism, detoxification, and bile production), to understanding key clinical terms like ALT, AST, and bilirubin. The program will review a range of liver pathologies (viral hepatitis, alcohol-related liver disease, autoimmune and genetic conditions) with focused discussion on Metabolic-Associated Steatotic Liver Disease (MASLD) (formerly NAFLD), and cirrhosis. An in-depth section will demystify liver transplantation – including indications for transplant, the waiting list and MELD scoring system, surgical process, and post-transplant concepts like rejection and immunosuppression. Throughout the workshop, clear explanations and bilingual terminology research will help interpreters confidently bridge communication between providers and LEP patients in liver-related encounters.



Presenters, coordinators, and participants of this educational opportunity agree to promote an environment of mutual respect free from bias and discrimination.

Learning Objectives:

During and at the conclusion of this session, participants will:

1. **Describe** the basic anatomy of the liver and **explain** its key physiological functions in the human body.
2. **Define** common liver function lab tests (e.g., ALT, AST, bilirubin) and **identify** what abnormal results indicate about liver health.
3. **Describe** major liver diseases – including metabolic-associated steatotic liver disease (MASLD), cirrhosis, and hereditary hemochromatosis – and **summarize** their essential characteristics and terminology.
4. **Explain** the liver transplantation process, outlining the indications for a transplant, the main steps from evaluation to surgery, and key post-transplant concepts such as MELD score, organ rejection, and immunosuppression.



About the Trainer: Bernardo Alfredo Valencia, MD, is a medical doctor and medical interpreter currently serving as a Postdoctoral Research Fellow at Beth Israel Deaconess Medical Center in Boston, Massachusetts. Dr. Valencia earned his Doctor of Medicine degree from Universidad Anáhuac in Mérida, Mexico, and completed a Medical Interpreter Training Program at UMass Chan Medical School. With over four years of dedicated experience in hepatology and liver transplantation, he skillfully combines his medical expertise with linguistic and cultural proficiency, facilitating healthcare communication for Spanish-speaking patients.

Successful Completion Requirements: Participants are expected to sign-in at the required time, must attend the entire program for 3 hours, and complete a CEU request form and an evaluation. Certificates will be distributed to participants by email within 6 to 8 weeks following the program. The moderator will monitor attendance throughout the event.

Refunds: No refund will be provided after 10 full calendar days prior to the date of the program.

Special Requests: For any special requests requiring accommodations, please contact Lynn Carson at 508-856-4306 or lynn.carson2@umassmed.edu at least 15 days before the training.