

Luncheon Symposium-01

Revolutionizing Liver Diagnosis: Cutting-Edge Ultrasound Imaging

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The field of ultrasound diagnostics is rapidly evolving. In this presentation, I would like to highlight the latest imaging capabilities and features of the LOGIQ E10x system and how they can impact the future of liver disease diagnosis and treatment.

1. Micro Vascular Flow Imaging (MVFI):

MVFI has become a significant topic in ultrasound imaging. The development of Micro B-flow (MBF) technology enables more clear visualization of intrahepatic vascular structures. This advancement allows for proper depiction of vascular changes associated with liver disease

progression. Additionally, MVFI facilitates the visualization of fine tumor vasculature, previously challenging to detect, offering new potential in both diagnosis and treatment.

2. Fusion Imaging:

Fusion imaging has become essential for the locoregional therapy of liver cancer. One of the main challenges has been simplifying the alignment of ultrasound and CT images. In this presentation, I will demonstrate Image-Based Registration (IBR), a feature that automatically recognizes blood vessels and aligns the images seamlessly.

3. UGAP/SWE:

In clinical practice, liver stiffness measurement and fat quantification are critical themes. The LOGIQ E10x system includes a Hepatic Assistant feature that simplifies these measurements. I will provide an overview of how this tool enhances clinical efficiency.