

KSUM 2026

THE 57TH ANNUAL CONGRESS OF
THE KOREAN SOCIETY OF ULTRASOUND IN MEDICINE

MAY 7 (THU) - 8 (FRI), 2026 | COEX, SEOUL, KOREA



Speaker : Youe Ree Kim

Affiliation : Wonkwang University Hospital, Department of Radiology

Specialty : Abdomen

Lecture Title : Practical Introduction to 2D-Shear Wave Elastography and Hepatic Fat Quantification

PT_No. : HS02-S1

This introductory lecture provides a practical overview of 2D-shear wave elastography and ultrasound-based hepatic fat quantification for participants of the hands-on session. As noninvasive assessment of liver fibrosis and steatosis becomes increasingly important in daily practice, familiarity with quantitative ultrasound techniques is essential for both accurate examination and appropriate interpretation. The session will cover the basic principles of 2D-shear wave elastography and hepatic fat quantification, with a focus on examination technique, quality control, common pitfalls, and practical interpretation of both stiffness and fat measurements. Special emphasis will be placed on factors that influence measurement reliability and on how to obtain consistent results in routine clinical settings. The lecture will also discuss how these techniques can be incorporated into routine liver ultrasound examinations. The goal is to prepare participants for effective hands-on training and to support confident clinical application in daily practice.