

# Shear Wave Elastography and Attenuation Imaging

Online training course

Take the uncertainty out  
of fatty liver diagnosis

Learn from experts Marilyn Zelesco  
and Dr. Todd Erpelding.



*"Chronic liver disease is a global issue with increasing expectations around ultrasound surveillance. These modules provide background to the role, technique and interpretation of hepatic Shear Wave Elastography. It emphasises the rules for reporting and the pitfalls sonographers need to be aware of in the clinical setting."*

Marilyn Zelesco  
Supervising Sonographer  
Fiona Stanley Hospital

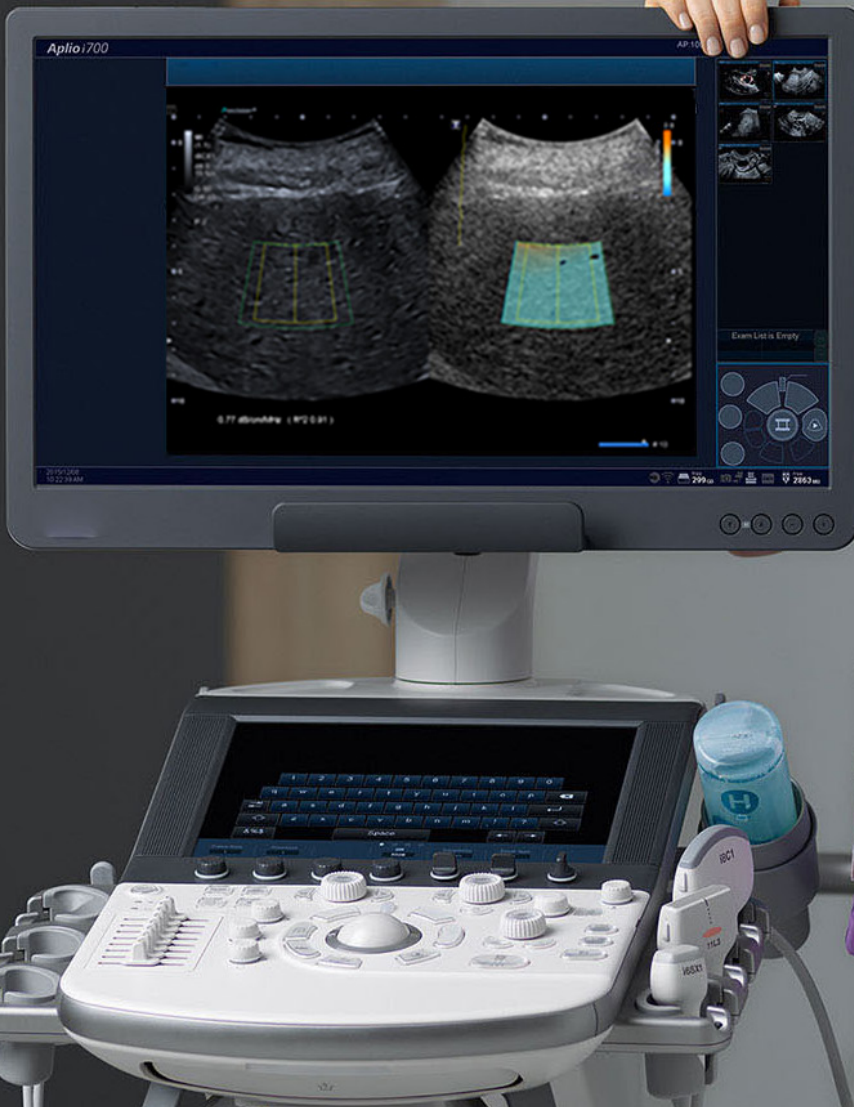
## Shear Wave Elastography (SWE) course

This advanced SWE ultrasound course includes 15 comprehensive modules, designed as a comprehensive primer for ultrasound practitioners to utilise SWE function to quantify liver stiffness for cirrhosis grading.

Access discussion and practical examples of SWE physics, scanning techniques and interpretation of results.

<b>Module 1</b>	Introduction to SWE
<b>Module 2</b>	Physics of SWE with Dr. Todd Erpelding
<b>Module 3</b>	Patient preparation, scanning technique and reporting
<b>Module 4</b>	SWE considerations. Discussion of variations and confounders
<b>Module 5</b>	Practical demonstration of scanning technique
<b>Module 6</b>	Live scanning. Pitfalls and confounders
<b>Module 7</b>	Live scanning. Left lobe of liver pitfall
<b>Module 8</b>	Live scanning. Patient forced expiration pitfall
<b>Module 9</b>	Live scanning. How to achieve a stable elastogram
<b>Module 10</b>	Live scanning. Liver capsule confounders
<b>Module 11</b>	Live scanning. NAFLD patient demonstration
<b>Module 12</b>	Live scanning. Demonstration of NAFLD patient with geographical infiltration
<b>Module 13</b>	Case study. Alcoholic liver disease
<b>Module 14</b>	Case study. HC patient post treatment
<b>Module 15</b>	Conclusion





*"Fatty liver disease is the leading cause of chronic liver dysfunction, affecting approximately 26% of the global population.*

*These training courses provide background into the etiology of hepatic steatosis, the role of ATI including technique, interpretation and pitfalls. They emphasise the optimal way to introduce this important imaging tool into a clinical environment for use as a diagnostic or monitoring adjunct."*

Marilyn Zelesco  
Supervising Sonographer  
Fiona Stanley Hospital

## Attenuation Imaging (ATI) of the liver course

Nine comprehensive modules to help utilise ATI for liver steatosis quantification.

Including discussion and practical examples of ATI physics, scanning technique, recognition of confounders and interpretation of results.

<b>Module 1</b>	Reasons for attenuation imaging
<b>Module 2</b>	Physics of ATI with Dr. Todd Erpelding
<b>Module 3</b>	Patient preparation, technique, reporting and considerations
<b>Module 4</b>	Practical introduction to scanning techniques
<b>Module 5</b>	Practical demonstration of confounders in healthy patients
<b>Module 6</b>	Practical demonstration of NAFLD patient
<b>Module 7</b>	Practical demonstration of geographical fatty infiltrated liver
<b>Module 8</b>	Practical confounders in S2 geographical liver
<b>Module 9</b>	Practical demonstration of targeted ultrasound of the liver (TUSL) including SWE



*Made For life*

These courses have been developed to give ultrasound users an intensive primer in using quantitative chronic liver disease diagnostic functions.

This is a unique opportunity to learn with CLD expert sonographer Marilyn Zelesco (Fiona Stanley Hospital), and Biomedical Engineering expert Dr. Todd Erpelding.

**Visit our website to learn more or to register**



Created in collaboration with Fiona Stanley Hospital,  
Marilyn Zelesco and Dr. Todd Erpelding.

