



Liver Biopsy with a Limited Window of Access Aided by use of Ultra-Pro II™ Needle Guide

BACKGROUND

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Case:
Liver Biopsy

Featured Product:
Ultra-Pro II Needle Guide

CONSIDERATION FOR USE

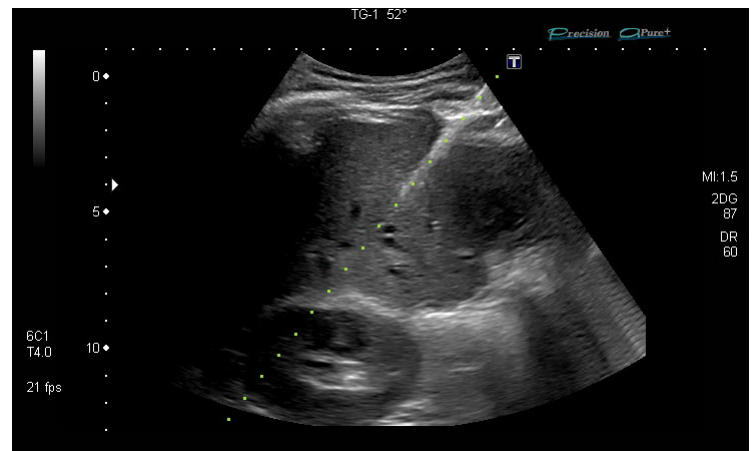
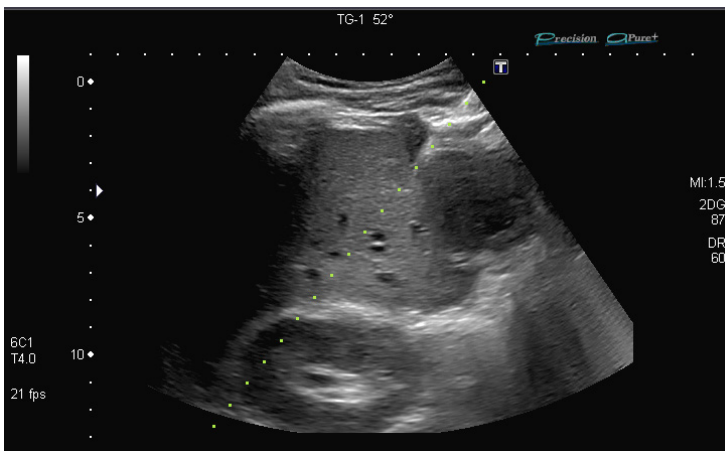
A 44 year-old-male with a history of right lobe liver transplant had elevated liver function tests (LFTs) and a biopsy was ordered. When setting up for the liver biopsy, the orientation of the liver was such that there was a limited window of access. The stomach was close to the margin of the transplanted right lobe. Upon review, a right intercostal approach was deemed suboptimal.

REQUIRED EQUIPMENT FOR EXAMINATION

- Toshiba Aplio 500™ ultrasound system
- CIVCO Ultra-Pro II needle guide

APPROACH TO EXAMINATION

Using the needle guide system (Ultra-Pro II, CIVCO Medical Solutions) was helpful in accessing the liver via the usual midline approach. The trajectory was taken that most closely avoided the stomach with the 52-degree angle option of the multi-angle bracket and needle guide.



Using the ultrasound system biopsy software guidelines aids in visualizing the direct pathway to the liver. Selection of a 52-degree angle needle guide was determined ideal to avoid the stomach.

The needle guide allows visualization of the needle as it advances toward the targeted region of interest in the liver.

