



# Liver Tumor Biopsy Using eTRAX™ Needle Tip Tracking

## BACKGROUND

**Professor Andre Ignee**  
Caritas-Krankenhaus  
Department of Internal Medicine  
Bad Mergentheim, Germany

**Case:**  
Liver Tumor Biopsy

**Featured Product:**  
eTRAX Needle Tip Tracking System

## CONSIDERATION FOR USE

Patient presented with pancreas carcinoma with liver metastases. eTRAX is useful for visualization in non-neoplastic liver tissue.

## EQUIPMENT FOR EXAMINATION

- GE Healthcare LOGIQ E9 with Volume Navigation
- CIVCO eTRAX Needle Tip Tracking

## APPROACH TO EXAMINATION

Images demonstrate needle tip tracking was quite useful as it allowed biopsy through the non-neoplastic liver tissue. It is believed this avoids bleeding as liver tissue has conventional vessels and tumors have neoplastic weak vessels. This has been shown in a small number of patients with hepatocellular carcinoma (HCC).

