



2D Ultrasound Puncture of Non-Dilated Kidney Using eTRAX™ Needle Tip Tracking

BACKGROUND

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Case:
2D Renal Ultrasound

Featured Product:
eTRAX Needle Tip Tracking System

CONSIDERATION FOR USE

Patient underwent percutaneous nephrostomy. Electromagnetic needle tip tracking allowed continuous visualization of the needle pathway for safe and easy insertion into the kidney.

REQUIRED EQUIPMENT FOR EXAMINATION

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

APPROACH TO EXAMINATION

Two-dimensional ultrasound image demonstrates the real-time potential to visualization of the needle trajectory prior to insertion. This function allows ideal entry point selection for penetration into the kidney. This capability allows the ideal entry point selection for safe penetration into the kidney.



Two-dimensional ultrasound demonstrates the trajectory of the needle pathway, allowing visualization of the ideal entry angle of penetration to reach the target.

