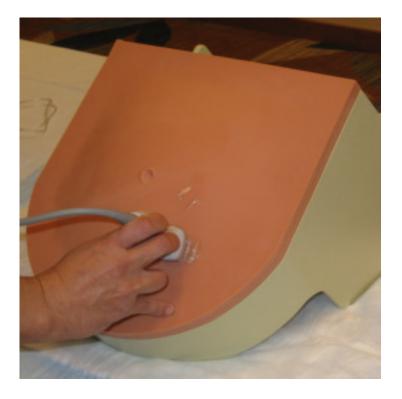
Ultrasound Guided Paracentesis



Step 1: Position the phased array or curvilinear ultrasound probe in the left lower quadrant



Step 2: Visualize free intraperitoneal fluid (black) and floating loops of bowels

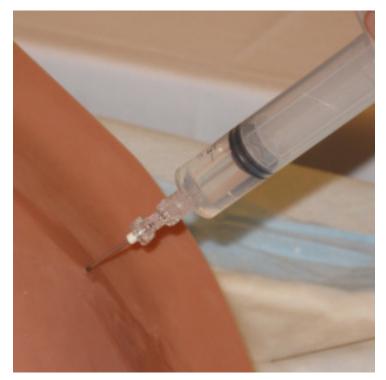


Step 3: Puncture the skin with an 18 gauge needle to allow passage of the Caldwell needle



Step 4: Apply lateral traction to skin while introducing Caldwell needle through insertion site

Ultrasound Guided Paracentesis



Step 5: Release lateral traction after skin punctured to create Z-track and advance Caldwell needle with negative aspiration force on syringe



Step 6: Disconnect syringe, remove needle and advance outer catheter of Caldwell needle when fluid visualized in chamber of syringe



Step 7: Attach extension tubing to Caldwell needle



Step 8: Connect other end of extension tubing to vacutainer using 18 gauge needle