



Supplemental file 1. External measurement method using external landmarks with the REBOA catheter to estimate the distance into the target zone.

For Zone 1 placement, the center of the balloon was placed at the level of the nipples and extended to the access site through the umbilicus. For Zone 3 placement, the center of the balloon was placed at 5 cm above the umbilicus and extended to the access site through the umbilicus.