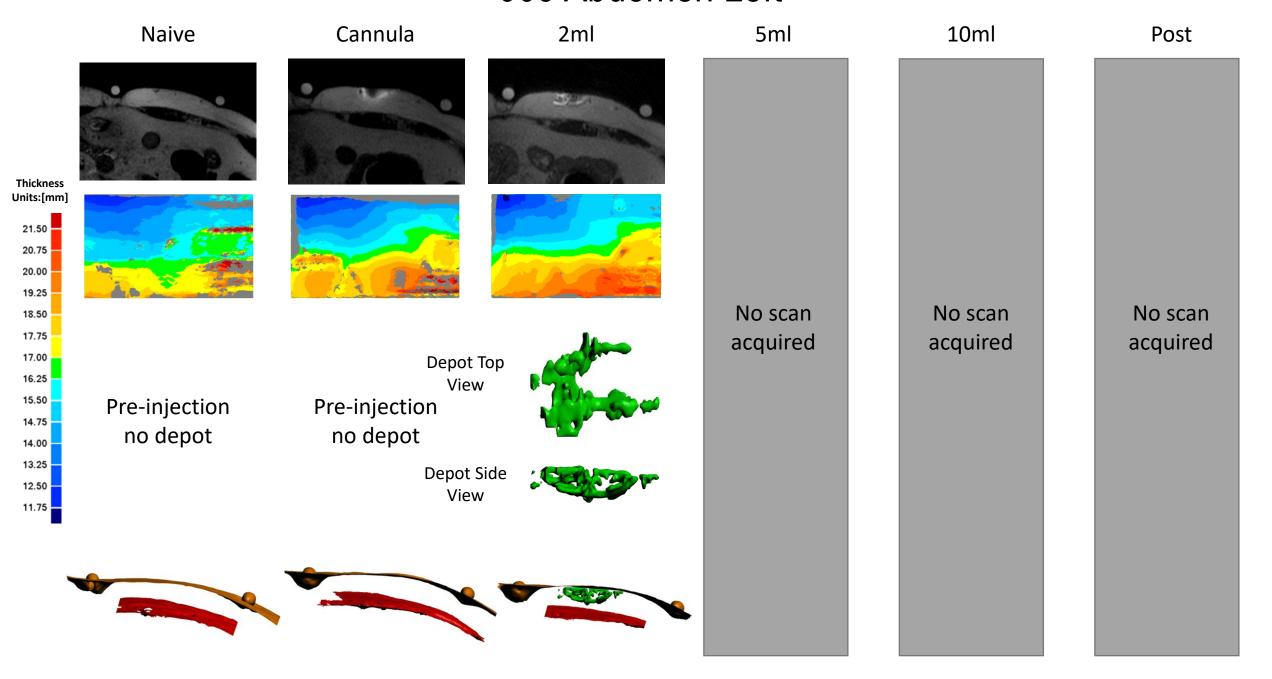
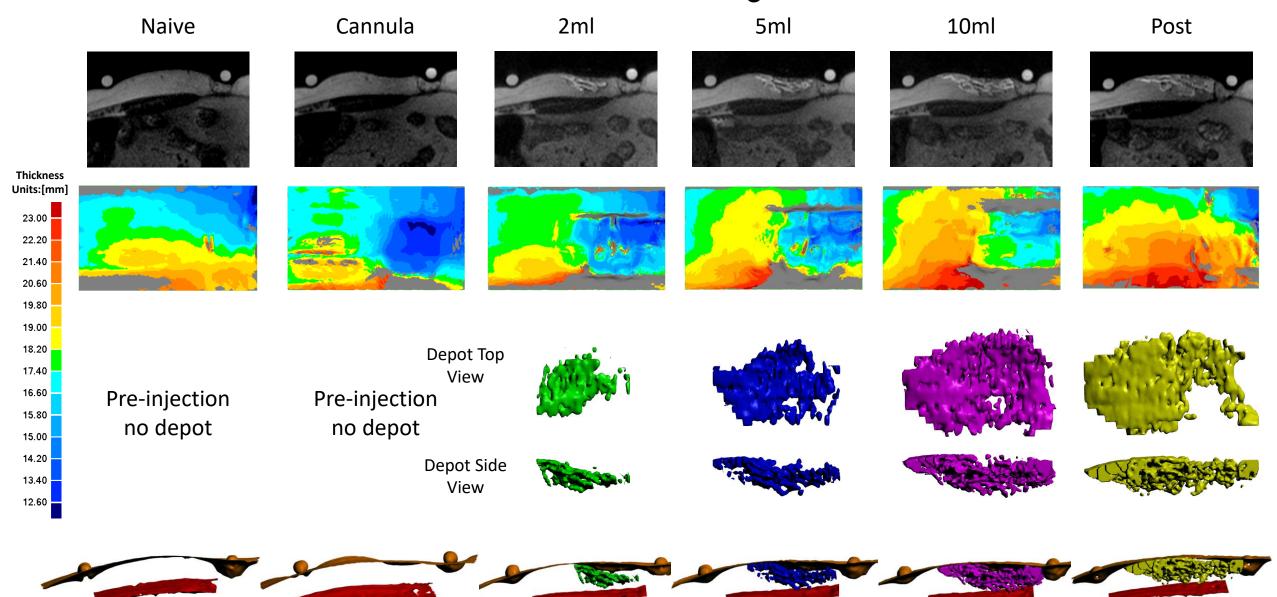
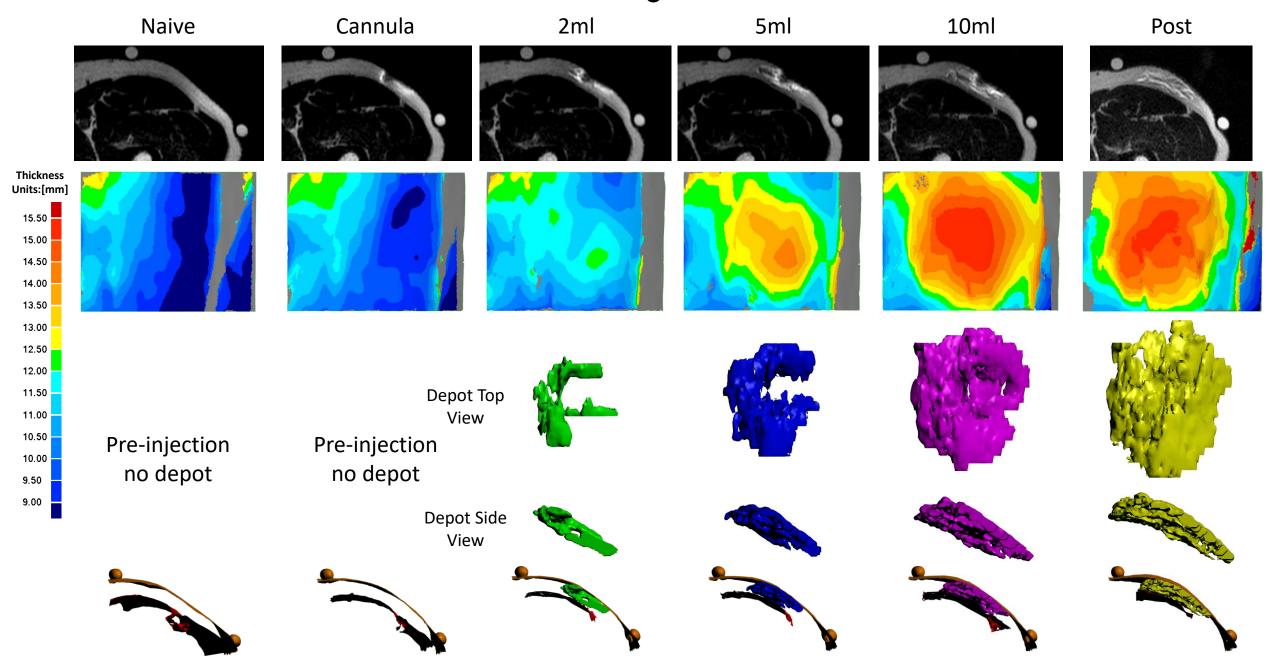
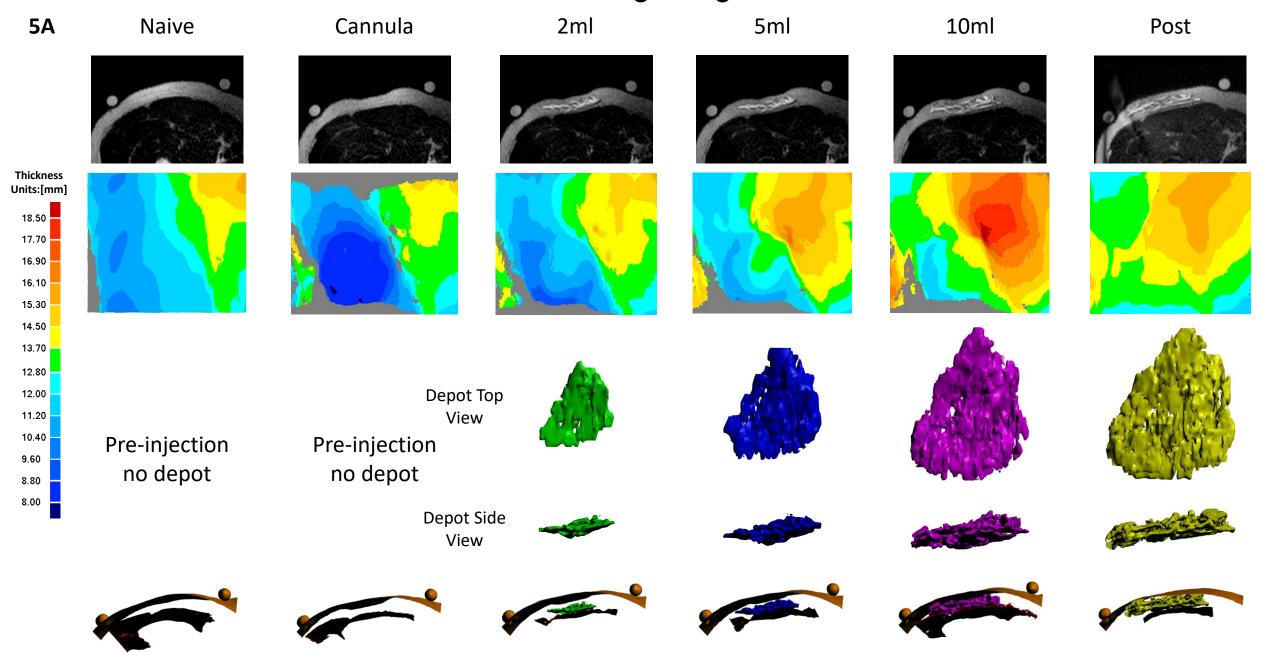
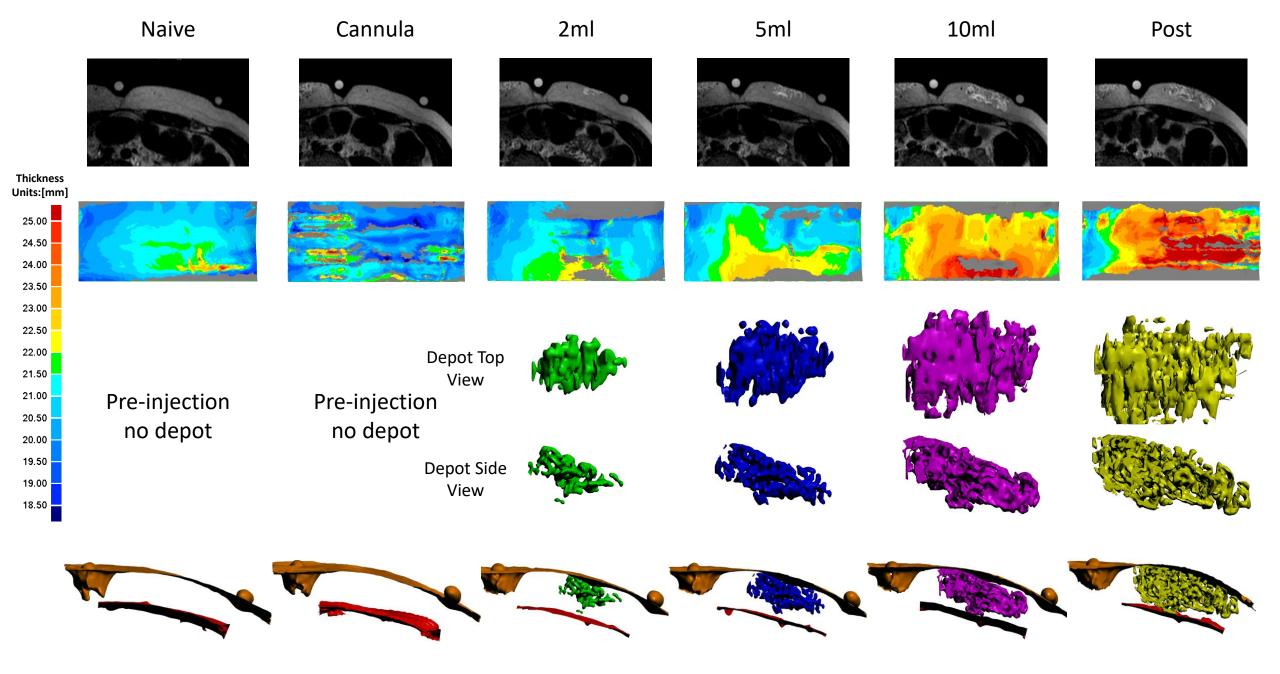
Supplemental Figure 1: All MR images, depot and tissue reconstructions, and SC tissue thickness heatmaps from **LVSC thigh, abdomen, and arm injection sites.** (Top row) Each image series ranges from naïve tissue/catheter placement through maximum injection volume (left to right) up to 10 mL cumulative injection in thigh and abdomen and 5 mL in the arm. (Second row) SC thickness heat maps of the area around the injection site demonstrate increasing thickness with volume (dark blue increasing to yellow, orange, and dark red sequentially; scales vary with each specific tissue locale). (Third and fourth rows) Reconstructed 3D images demonstrating top and side views of the 2 (green), 5 (blue), 10 (magenta) mL and post set removal (yellow) depots alone. (Bottom row) The 3D depot images within the ID/SC interface and SC/IM interface give context to depot location and topology within the tissue. Depot dimensions are not shown to scale between rows or between injection sites but meant to show relative depot shapes and locations; depot dimensions for each example site are shown to scale across columns of increasing volume.

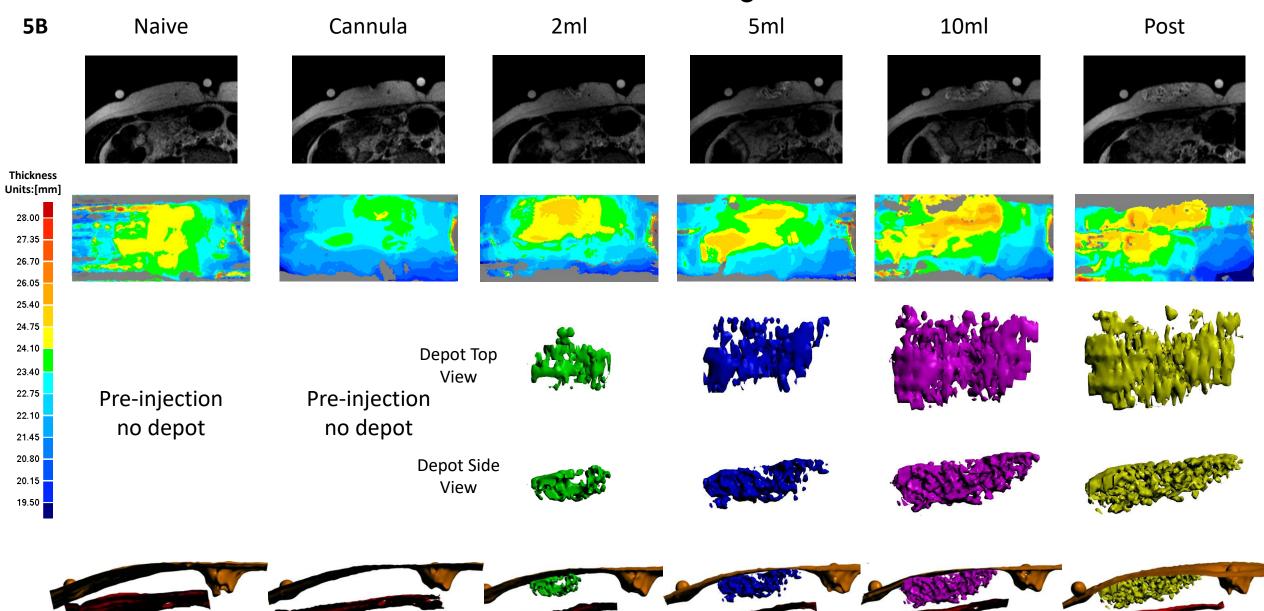




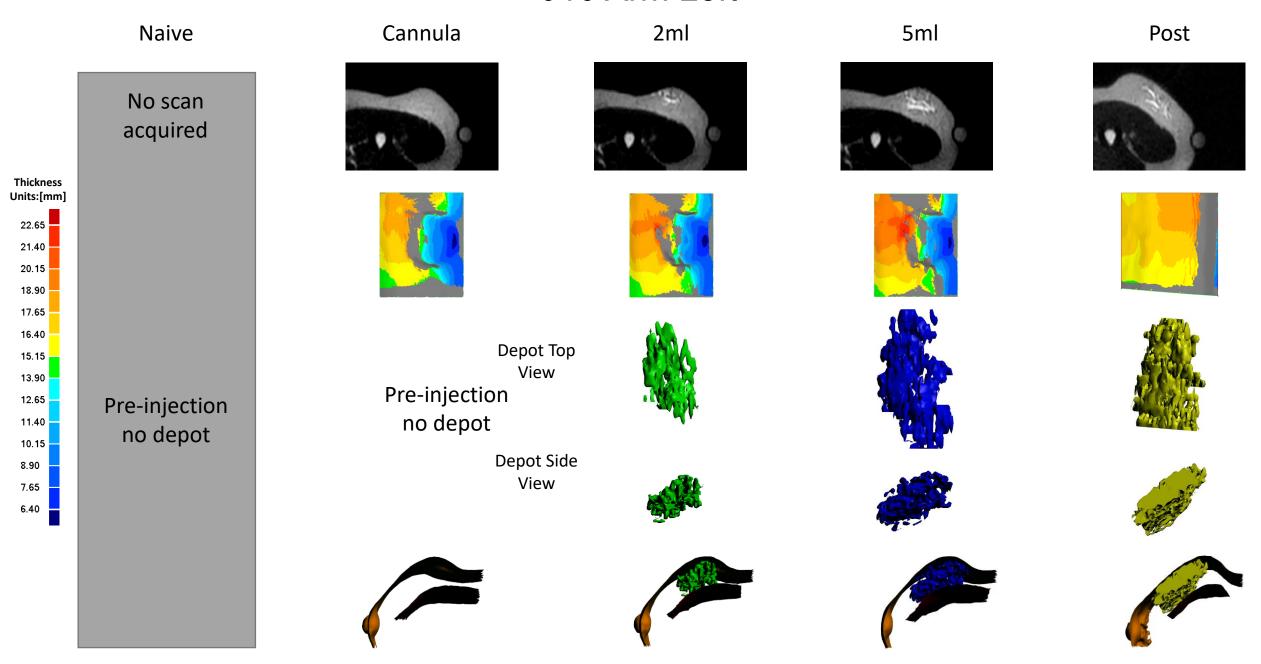


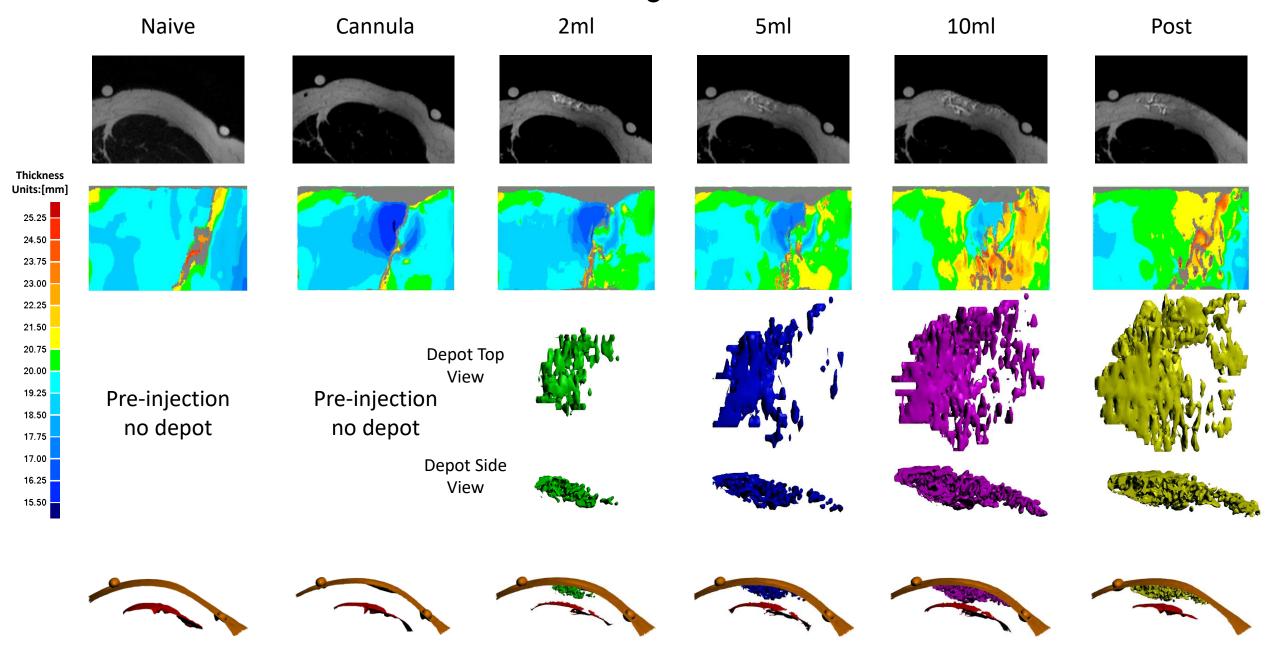


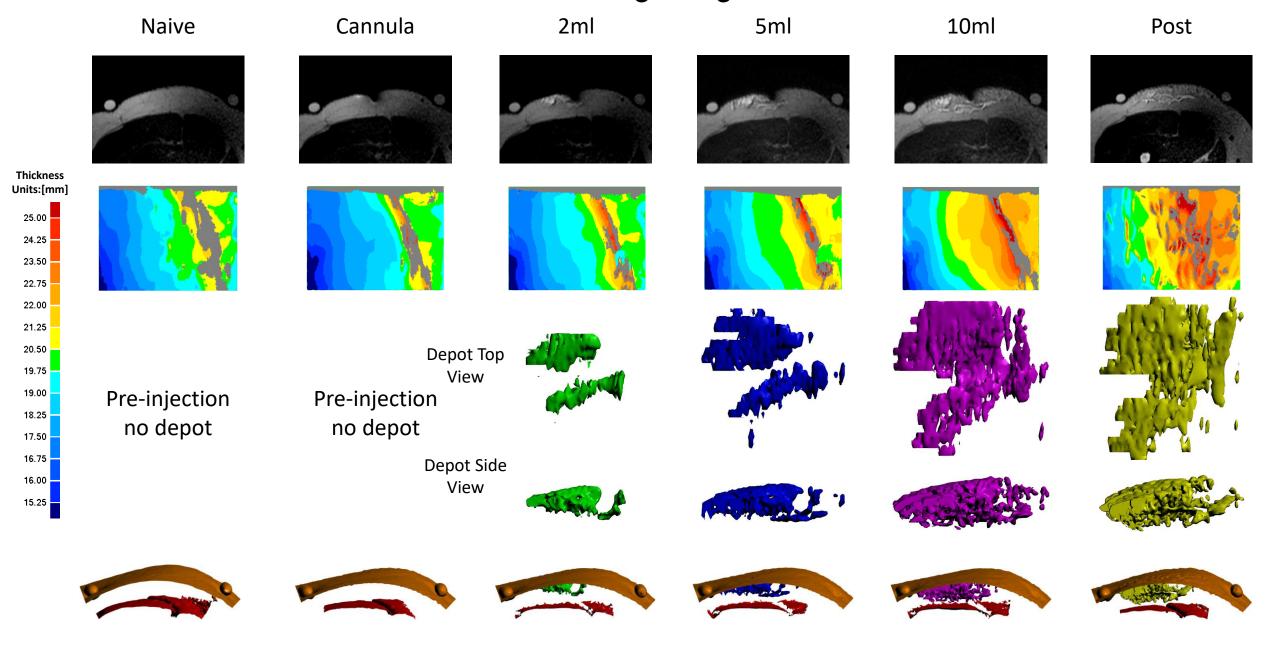


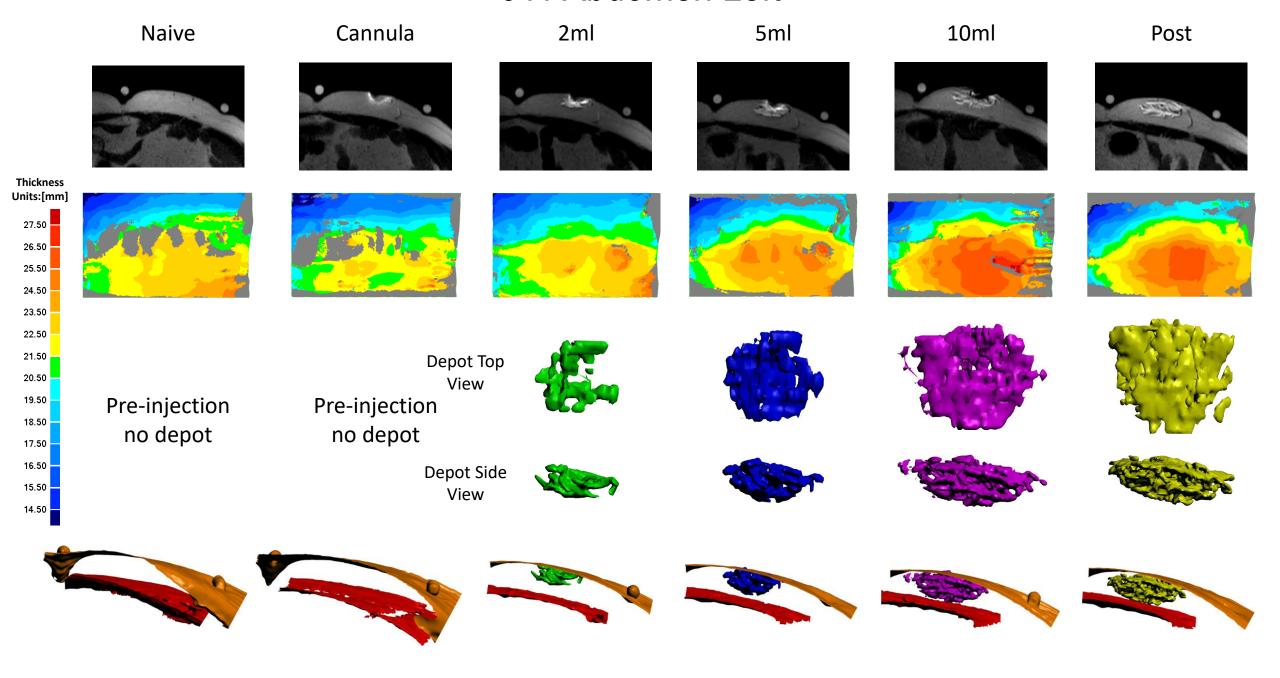


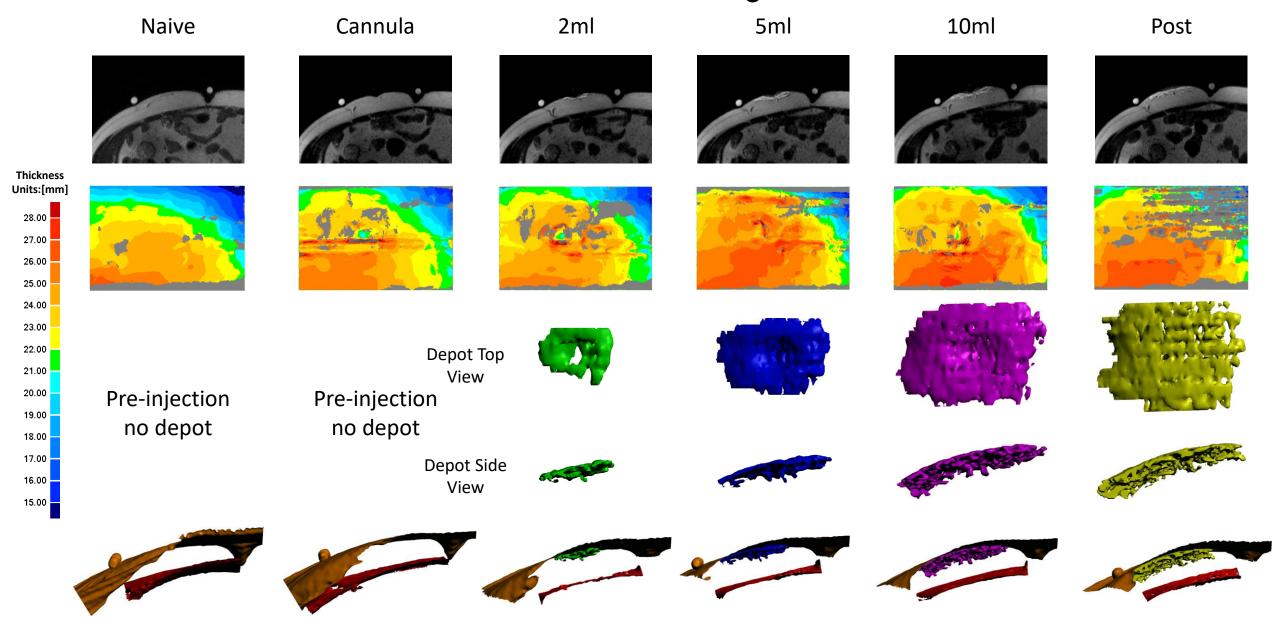
010 Arm Left



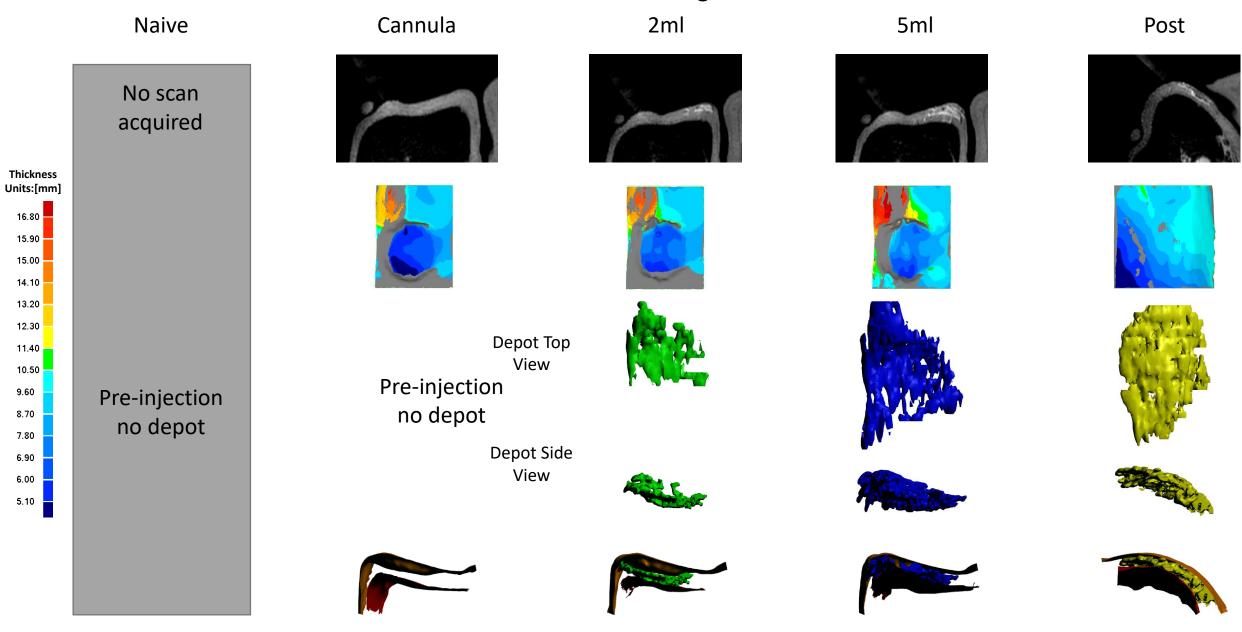


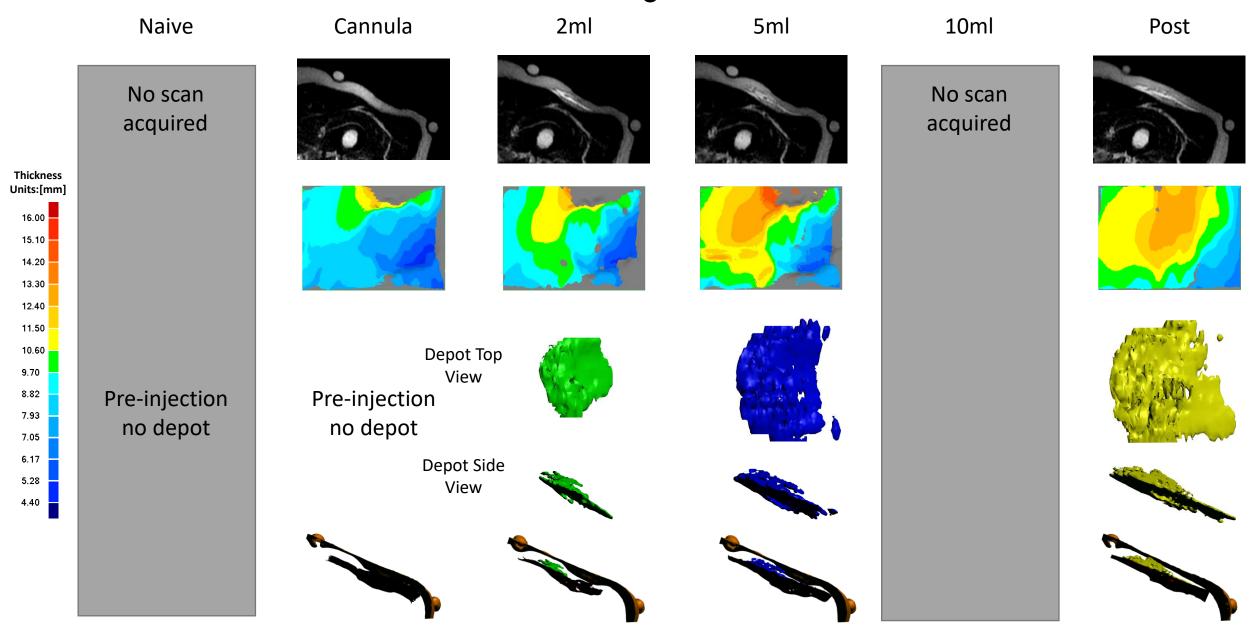


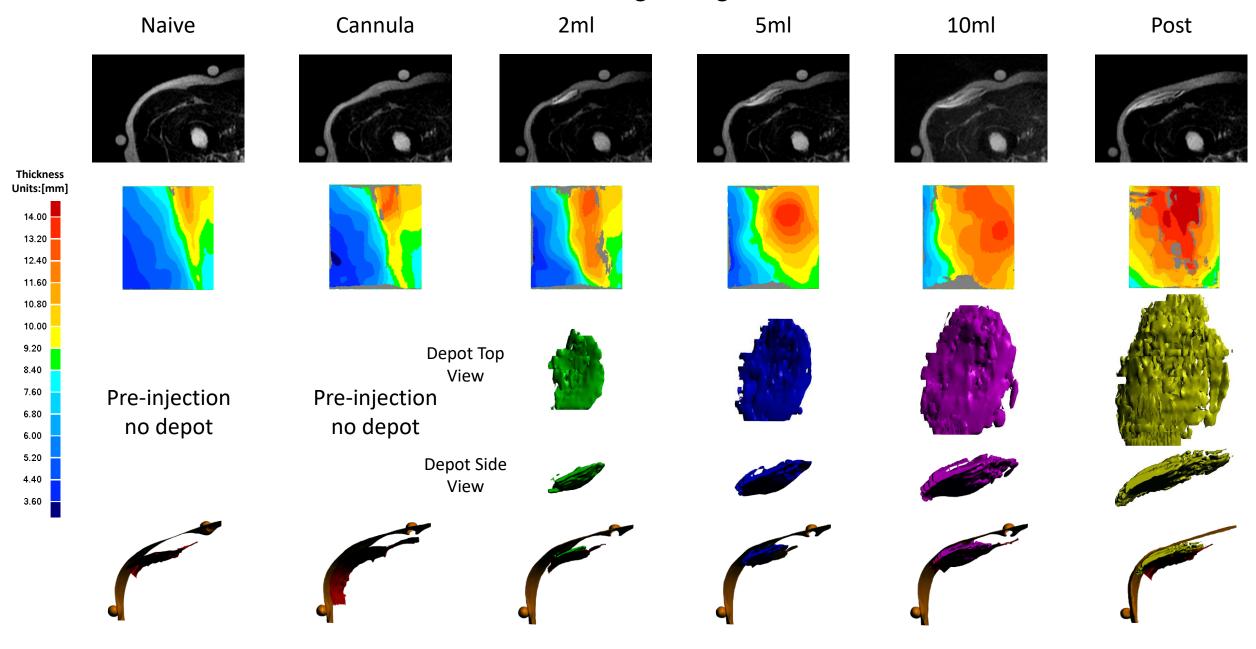


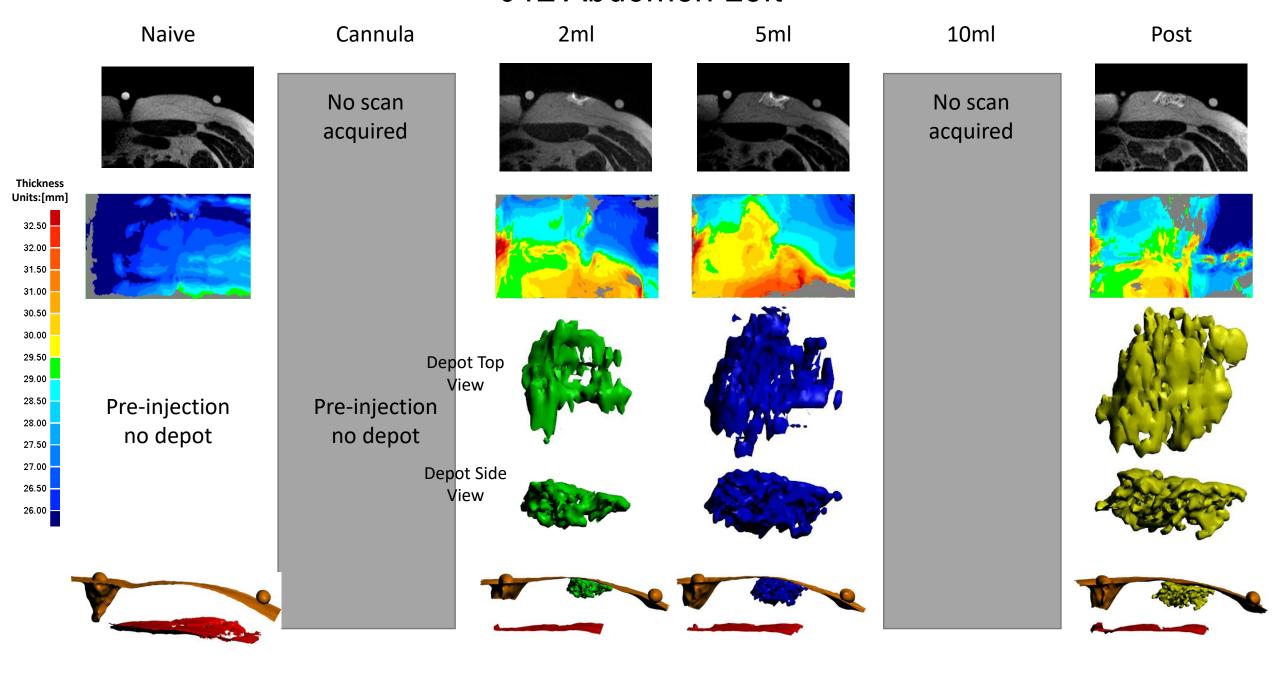


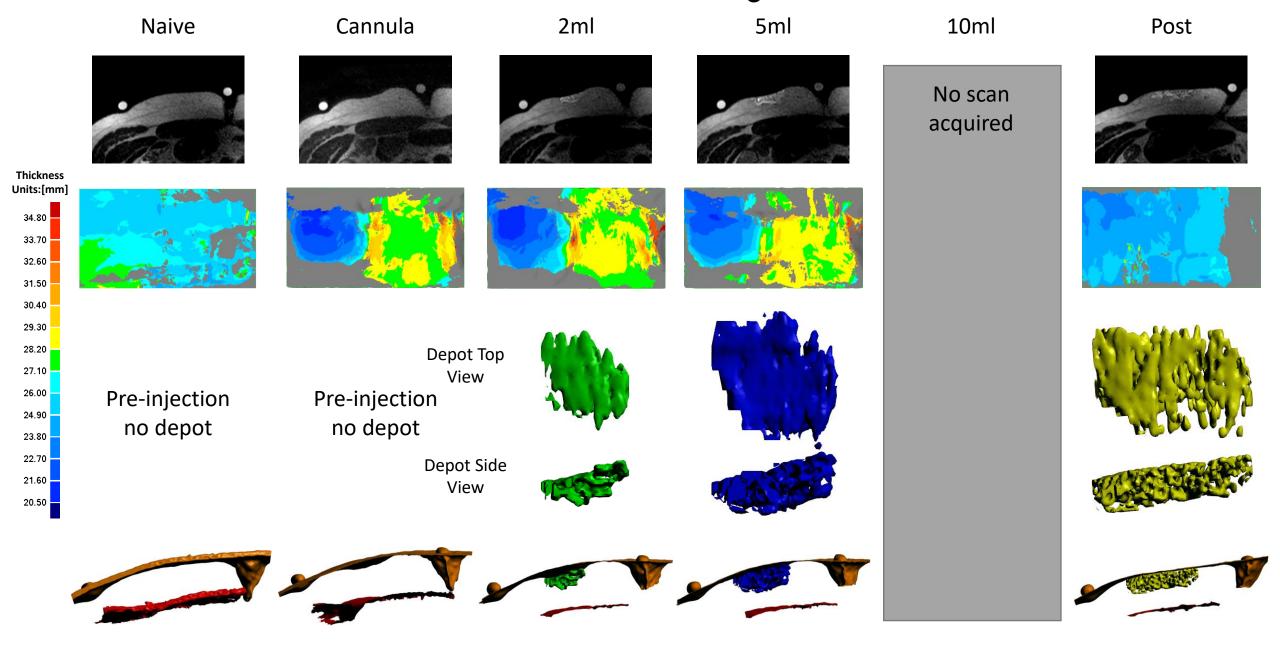
011 Arm Right











012 Arm Left

