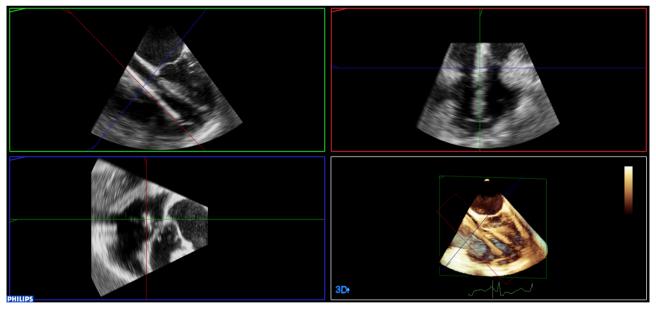


**Figure S1** Multi-planar reconstruction with two orthogonal long-axis views examining the coaxiality of the delivery catheter. Of note, in the right upper panel, the annular plane is visualized without the delivery catheter.



**Figure S2** Multi-planar reconstruction with two orthogonal long-axis views examining the coaxiality of the delivery catheter. After the annular plane is confirmed, the long-axis views can be adjusted to cut through the delivery catheter.

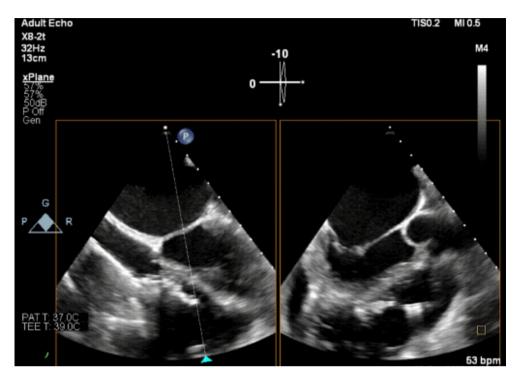
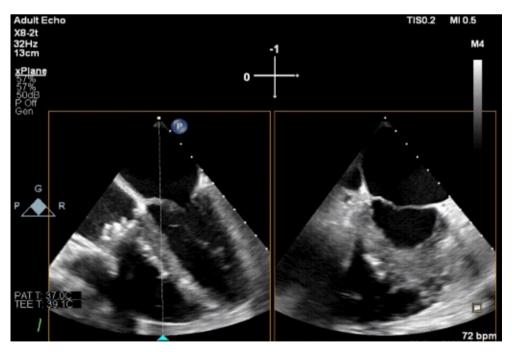


Figure S3 Non-standard mid-esophageal 4-chamber view and the orthogonal right ventricular shot-axis view. The anchors are shown to be parallel to the inter-ventricular septum and not in contact with the posterior septum in the left panel but are contacting the posterior septum in the right panel.



**Figure S4** Standard mid-esophageal 4-chamber and right ventricular short-axis views. The anchors are shown to be parallel to the interventricular septum and in contact with the posterior septum both views.