

## Catheter Definition

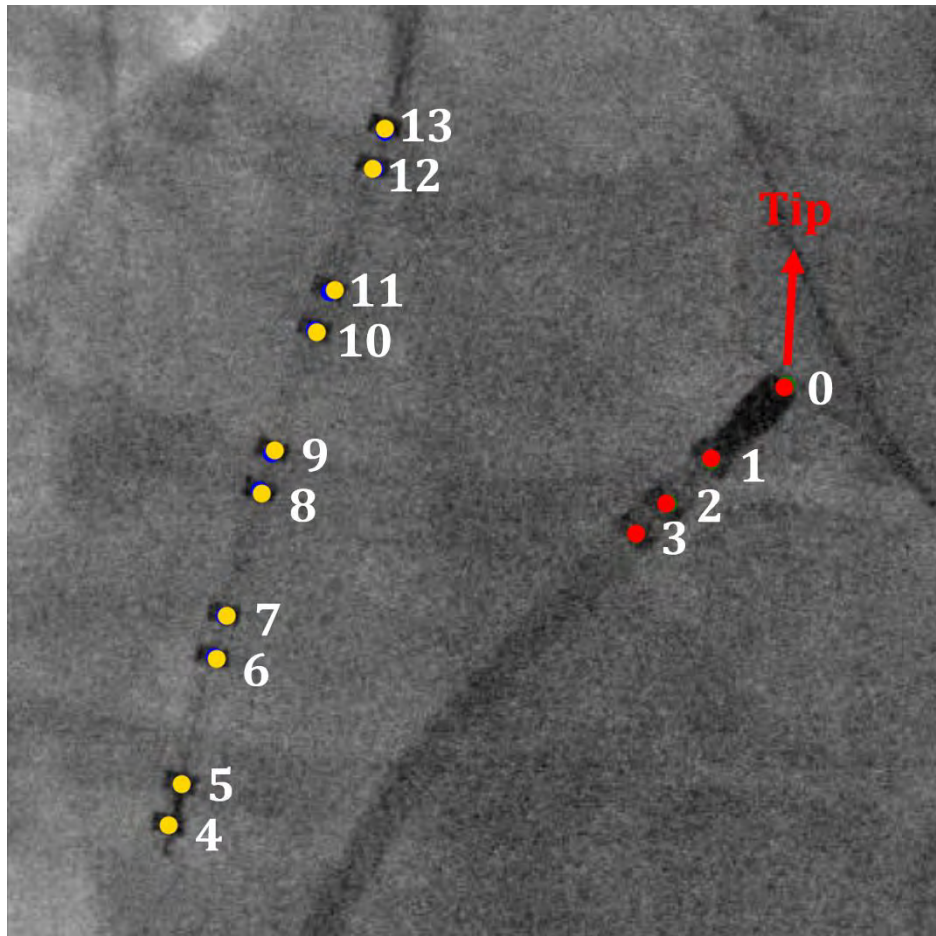


Fig. 5. Visualization of Electrode Landmark Order

In our dataset, each image contains an RF catheter and a CS catheter, with the landmark positions shown in Figure 5. There are a total of 14 landmarks. The RF catheter includes the first 4 landmarks, while the CS catheter includes the last 10 landmarks. These landmarks are generally located in the middle of the catheter electrodes, except for the first landmark, which is positioned at the tip of the RF catheter due to its critical position related to catheter contact.