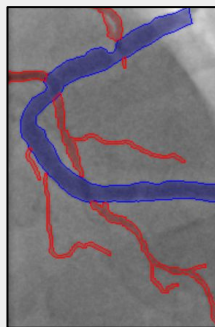**Coarse-labeled CAG dataset**

ARCADE

Minor vessel annotation

Minor (New/added)

Major (Original)

Fine-labeled CAG dataset with major/minor vessel annotation

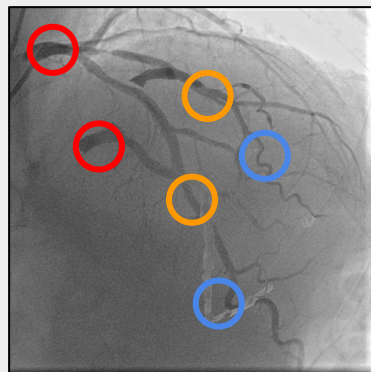**Fine-ARCADE (#: 196)**

Coarse-labeled CAG dataset

DCA1
XCAD
ARCADE

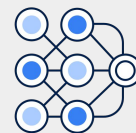**CAG-specific Copy-paste Augmentation**

○ **Intensity matching**

○ **Overlapped vessels**

○ **Multiple insertion**

Model Training

Evaluation

$Dice_{overall}$

$Dice_{minor}$

$Dice_{major}$