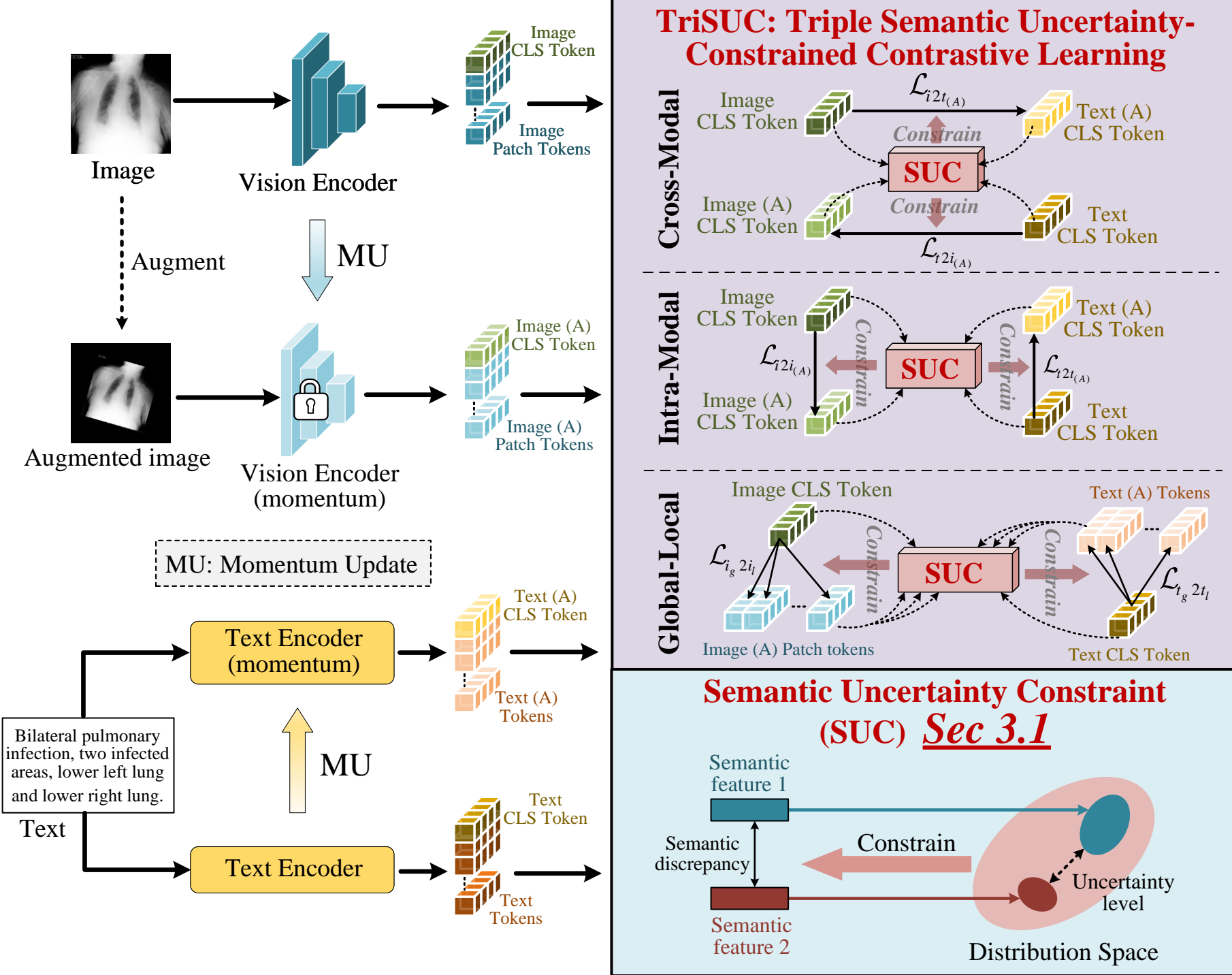
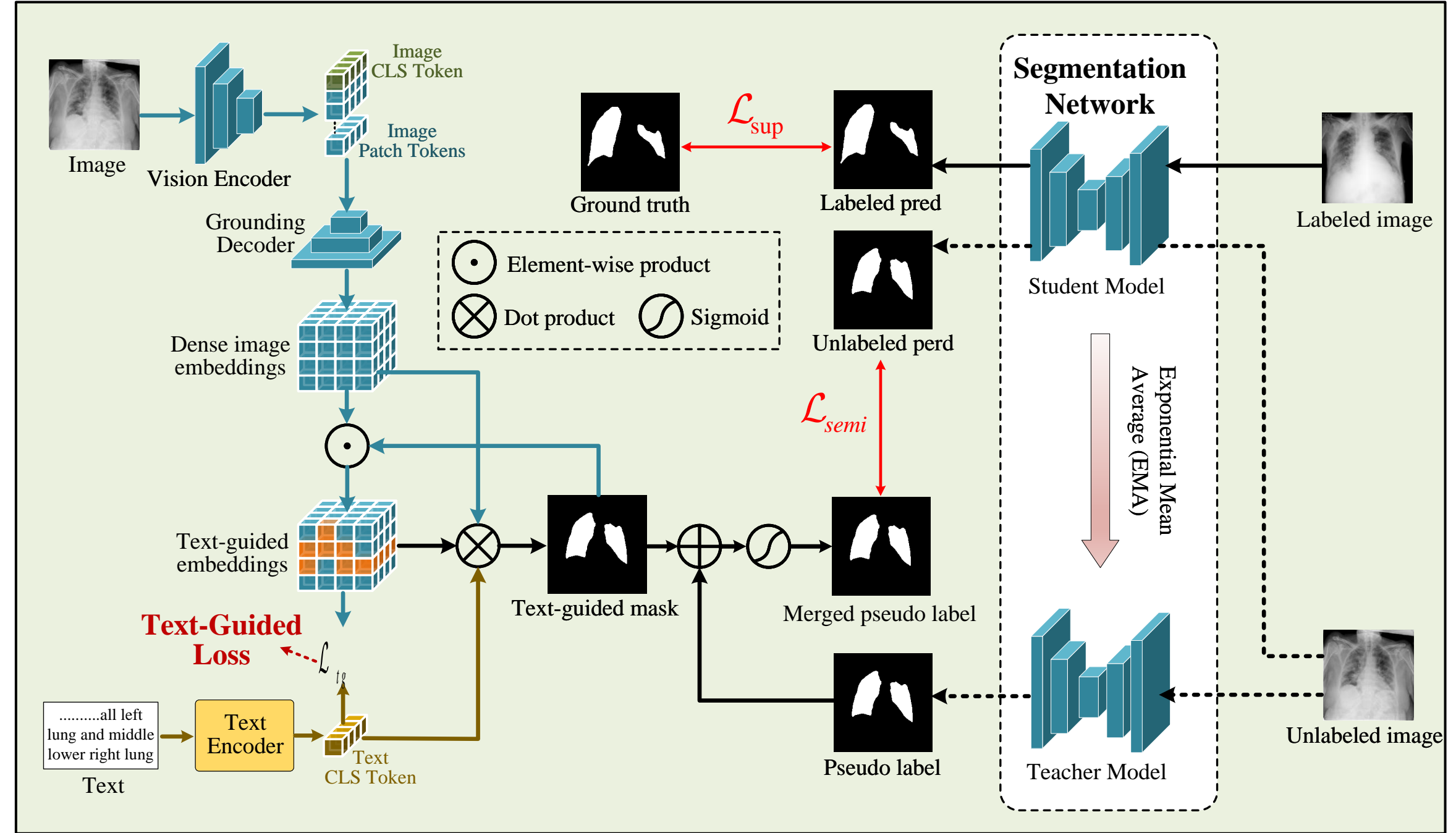


## Pre-training: VLM pre-training with TriSUC *Sec 3.2*



**Innovation 1:** TriSUC for cross-modal and intra-modal uncertainty understanding

## Downstream task: Text-guided Semi-Supervised Medical Image Segmentation *Sec 3.3*



**Innovation 2:** Downstream task: The first text-guided SSMIS for pseudo-label quality enhancing