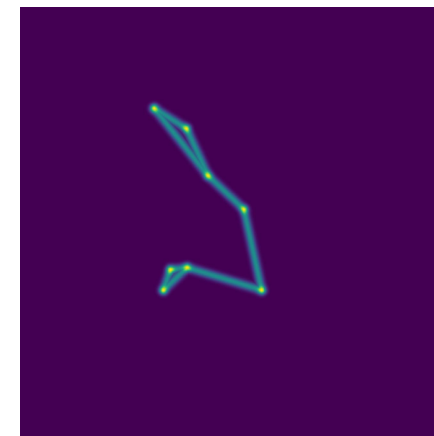
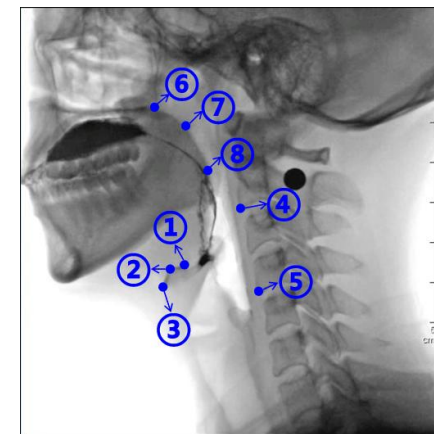


(a) Paradigm Comparison (Top: Previous method; Bottom: Our method)



- ① Superior point of the anterior hyoid bone
- ② Anterior point of the hyoid bone
- ③ Inferior point of the hyoid bone
- ④ Anterior–inferior corner of the C2 vertebra
- ⑤ Anterior–inferior corner of the C4 vertebra
- ⑥ Anterior point of the soft palate
- ⑦ Midpoint of the soft palate
- ⑧ Inferior point of the soft palate

(b) Illustration of keypoints in case of VFSS and its skeleton heatmap.