Image segmentation

CT

Planning CT

CBCT

Image registration

CT

Planning CT

Air

Generate the enhanced CBCT image

corrected image part 1

CT

Bone

Generate the enhanced CBCT image

corrected image part 2

CT

Soft Tissue

Generate the enhanced CBCT image

corrected image part 3

CT

Lung

Generate the enhanced CBCT image

corrected image part 4

Image combination

Corrected CBCT Image