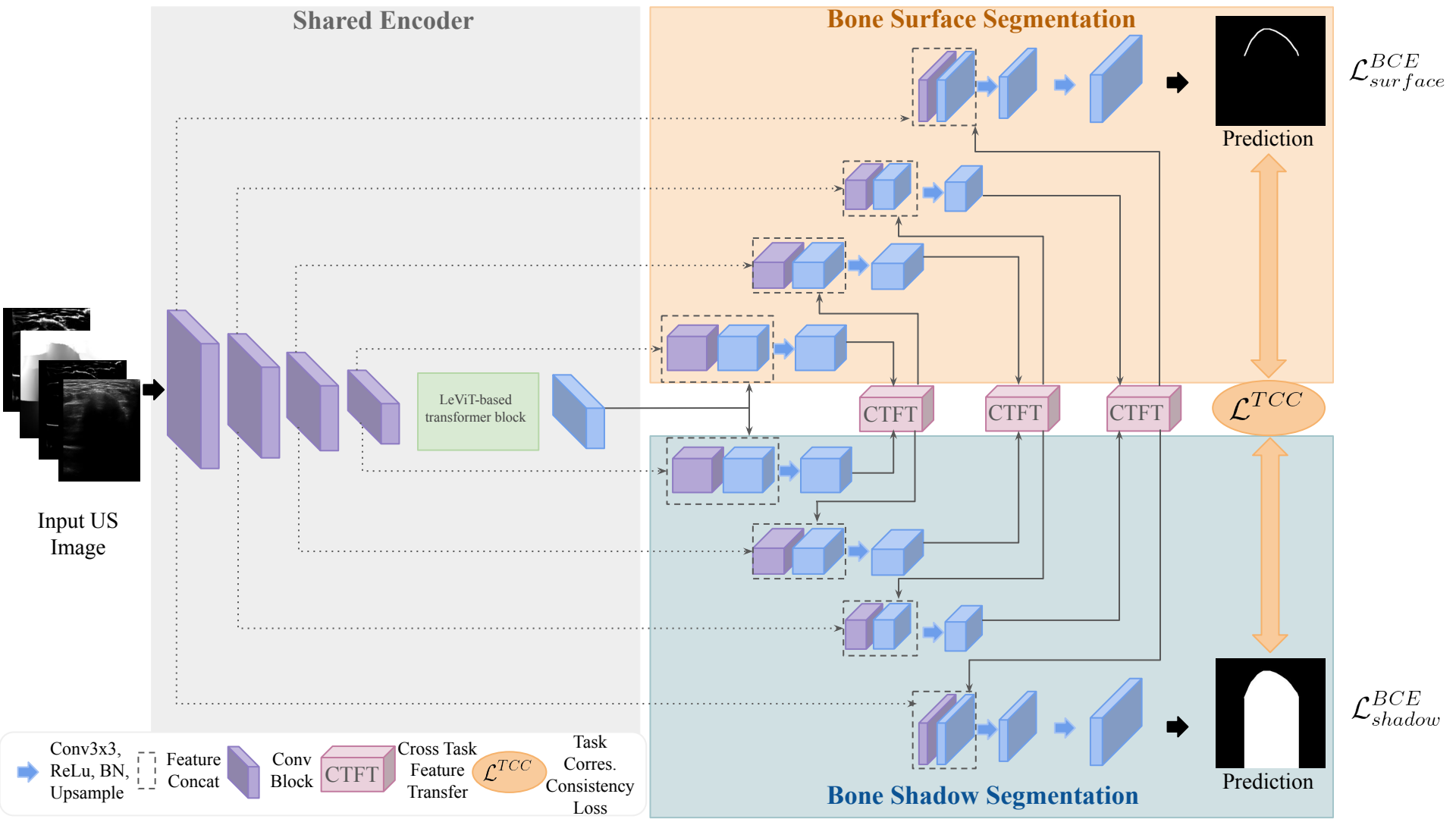
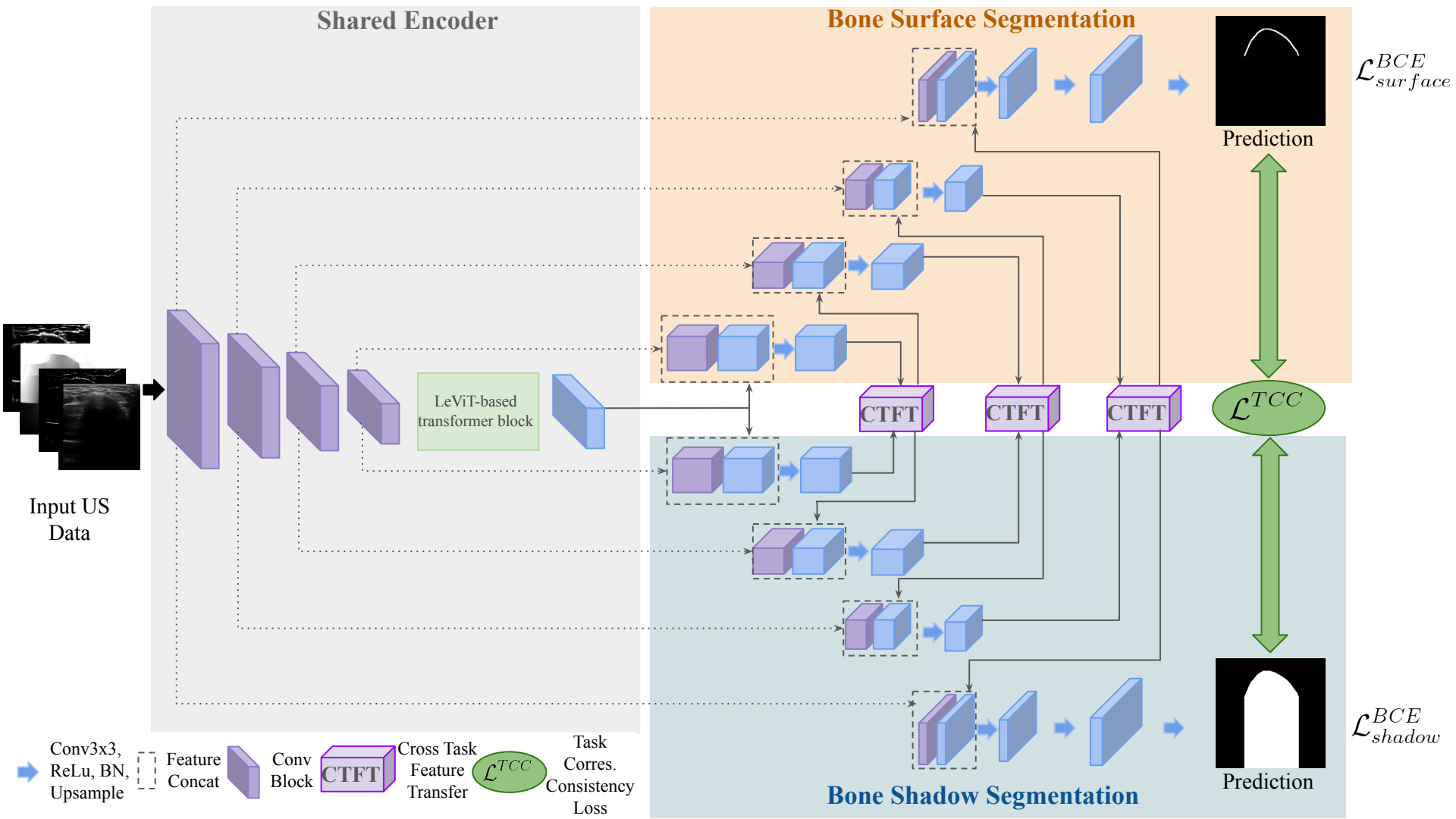

Shared Encoder
Bone Surface Segmentation
Prediction
$\mathcal{L}^{BCE}_{surface}$
LeViT-based transformer block
CTFT
CTFT
CTFT
$\mathcal{L}^{TCC}$
Input US Image
Bone Shadow Segmentation
Prediction
$\mathcal{L}^{BCE}_{shadow}$
Conv3x3, ReLu, BN, Upsample
Feature Concat
Conv Block
CTFT
Cross Task Feature Transfer
$\mathcal{L}^{TCC}$
Task Corres. Consistency Loss


Shared Encoder
Bone Surface Segmentation
Bone Shadow Segmentation
Input US Data
LeViT-based transformer block
CTFT
CTFT
CTFT
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Prediction
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Task Corres. Consistency Loss