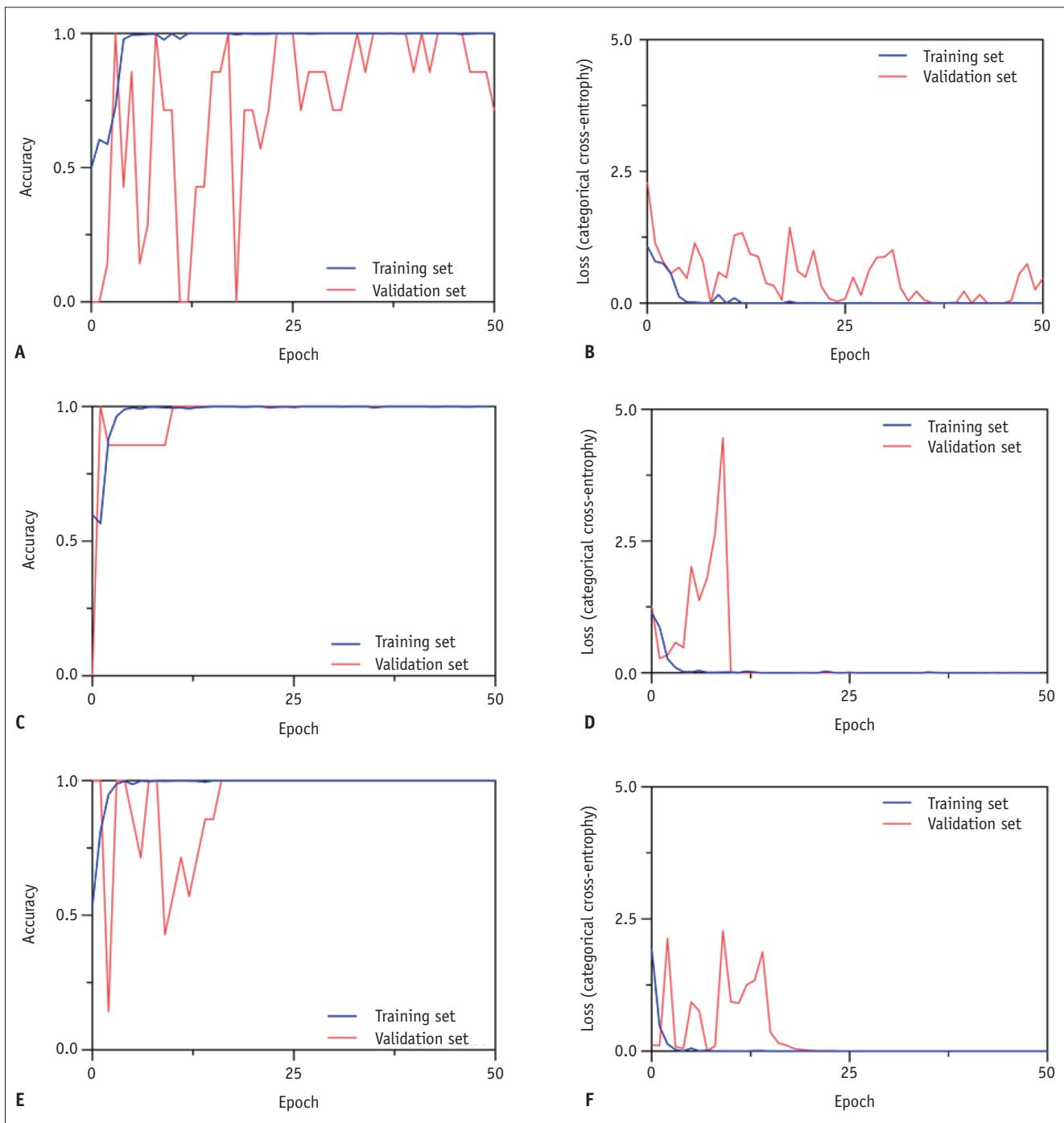
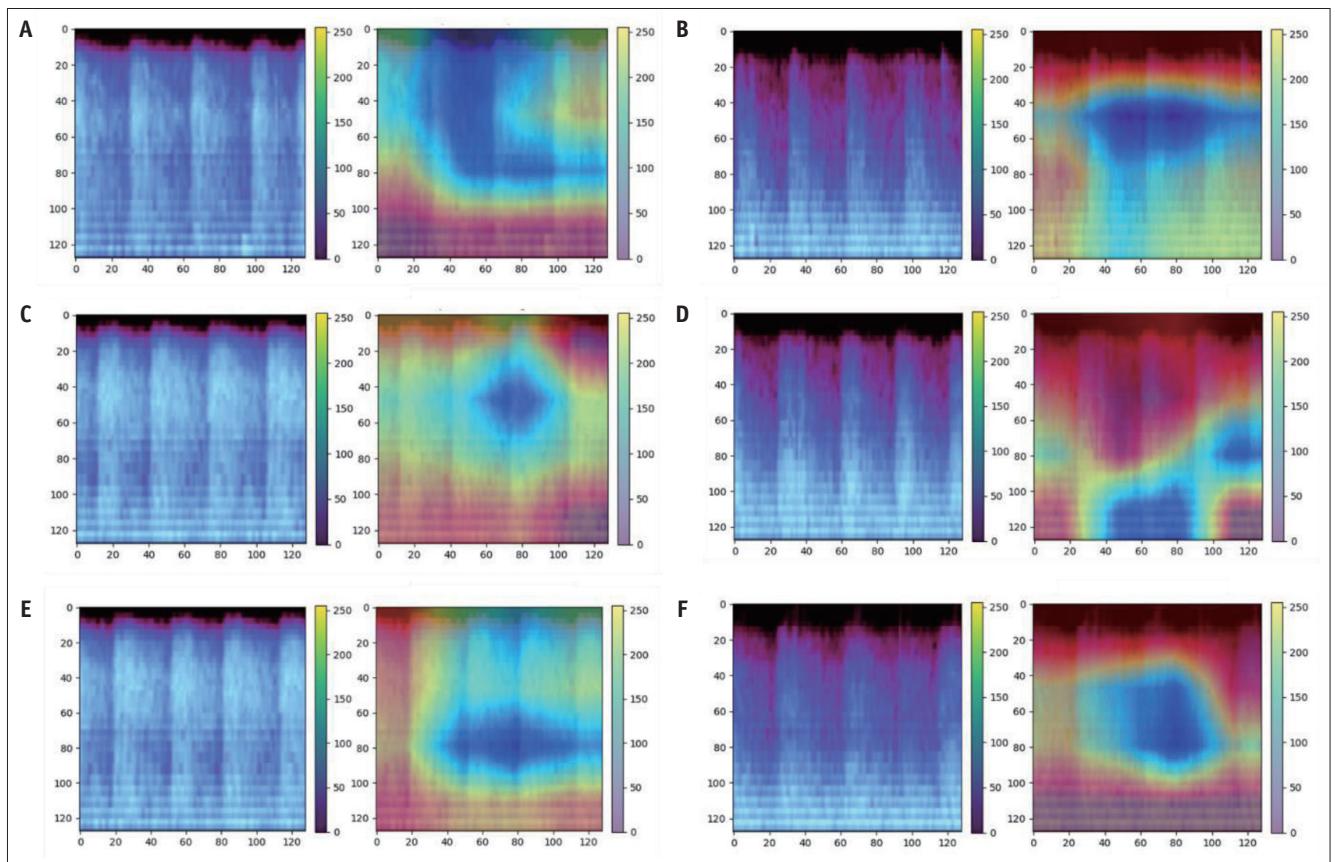


SUPPLEMENT



Supplementary Fig. 1. Accuracy (A, C, E) and loss (categorical cross-entropy) (B, D, F) of the training and validation sets of the DenseNet201 (A, B), EfficientNetB5 (C, D), and ResNet50 (E, F) models for predicting hemodynamically significant arteriovenous fistula stenosis.



Supplementary Fig. 2. Examples of mel spectrograms and gradient-weighted class activation mapping (Grad-CAM) heat-maps of pre-PTA (A, C, E) and post-PTA shunt sounds (B, D, F) of the DenseNet201 (A, B), EfficientNetB5 (C, D), and ResNet50 (E, F) models. PTA = percutaneous transluminal angioplasty