Training Results with weights saved in kfold\_weights\_plot.h5 file:

Epoch 1/10

204/204 [==============================] - 83s 408ms/step - loss: 0.5380 - accuracy: 0.7284 - val\_loss: 0.4292 - val\_accuracy: 0.7998

Epoch 2/10

204/204 [==============================] - 80s 394ms/step - loss: 0.4131 - accuracy: 0.8147 - val\_loss: 0.2425 - val\_accuracy: 0.8165

Epoch 3/10

204/204 [==============================] - 79s 389ms/step - loss: 0.3383 - accuracy: 0.8553 - val\_loss: 0.5051 - val\_accuracy: 0.8483

Epoch 4/10

204/204 [==============================] - 78s 384ms/step - loss: 0.2963 - accuracy: 0.8721 - val\_loss: 0.0393 - val\_accuracy: 0.8596

Epoch 5/10

204/204 [==============================] - 79s 385ms/step - loss: 0.2527 - accuracy: 0.8963 - val\_loss: 0.3337 - val\_accuracy: 0.8498

Epoch 6/10

204/204 [==============================] - 79s 385ms/step - loss: 0.2329 - accuracy: 0.9031 - val\_loss: 0.4077 - val\_accuracy: 0.8700

Epoch 00005: early stopping THR