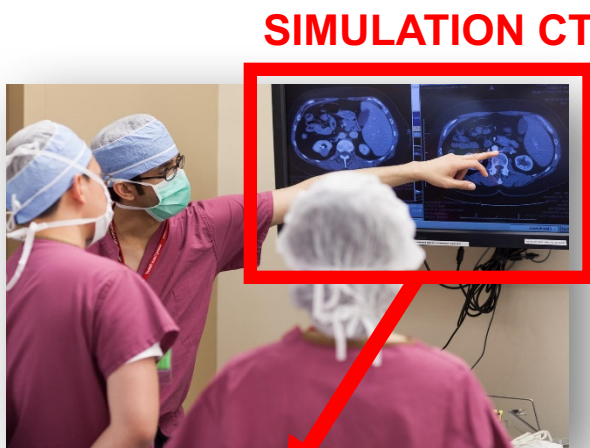
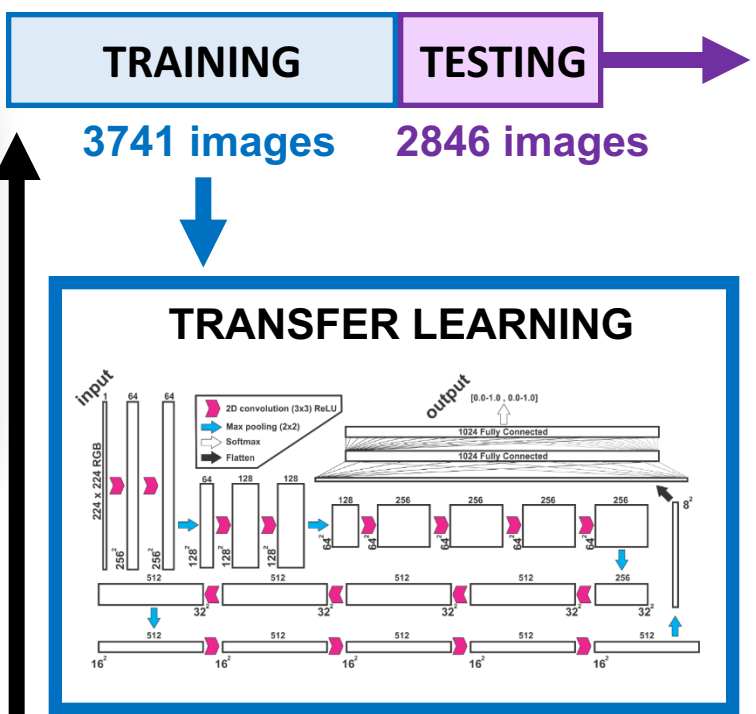
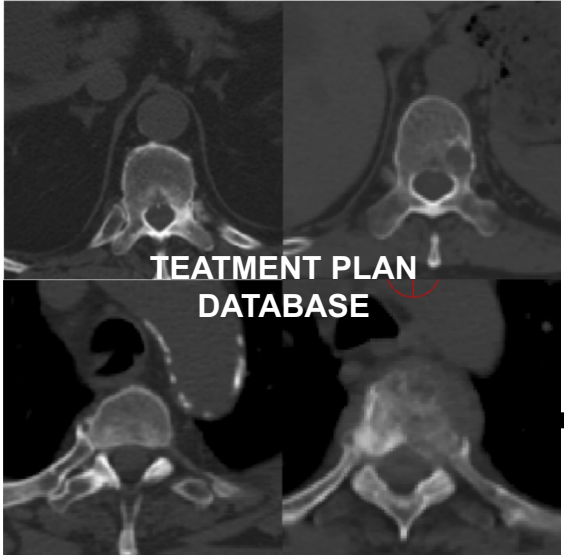


Automated Detection of Vertebral Body Metastases for Fully-Automated Palliative Radiotherapy Using Transfer Learning

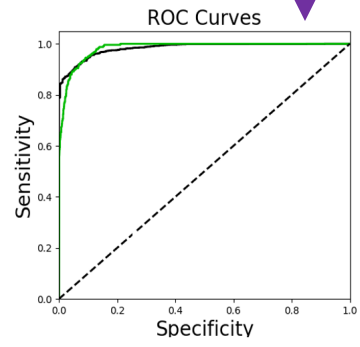


SIMULATION CT

49 NORMAL 92 BONY METS

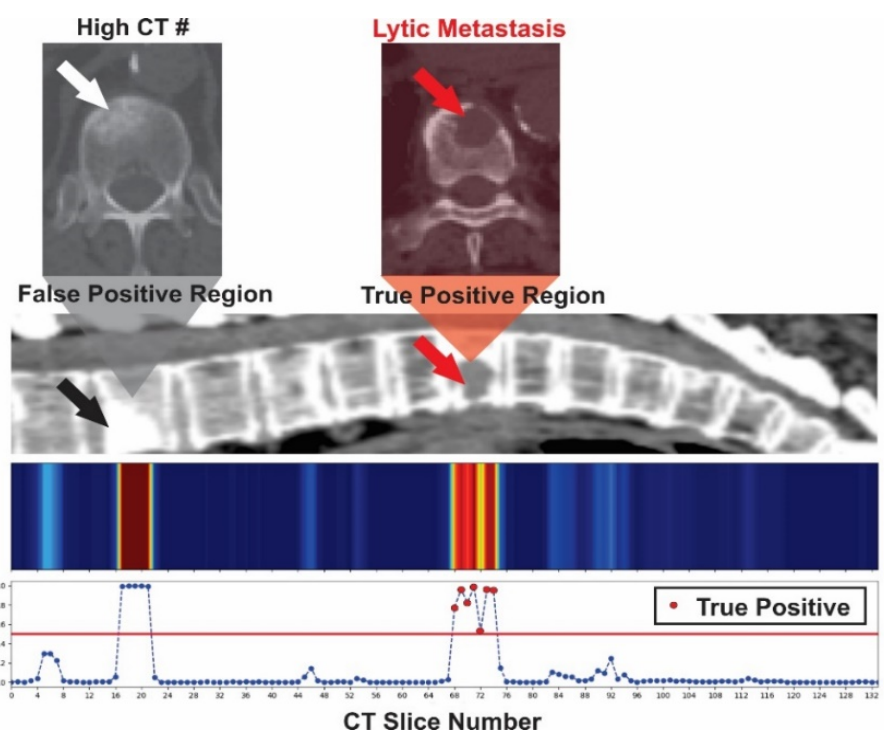


Truth	Not Diseased	Diseased
	2490	116
Diseased	27	213
	Not Diseased	Diseased
	Model Prediction	



“This deep learning model identifies potential treatment regions which can be used to set isocenter...”

PATIENT TEST CASE



Session Title: *Advanced Computing Applications*
 Date and Time: 07/30/2018 | 4:30PM — 6:00PM
 Presenting Author: Tucker Netherton