

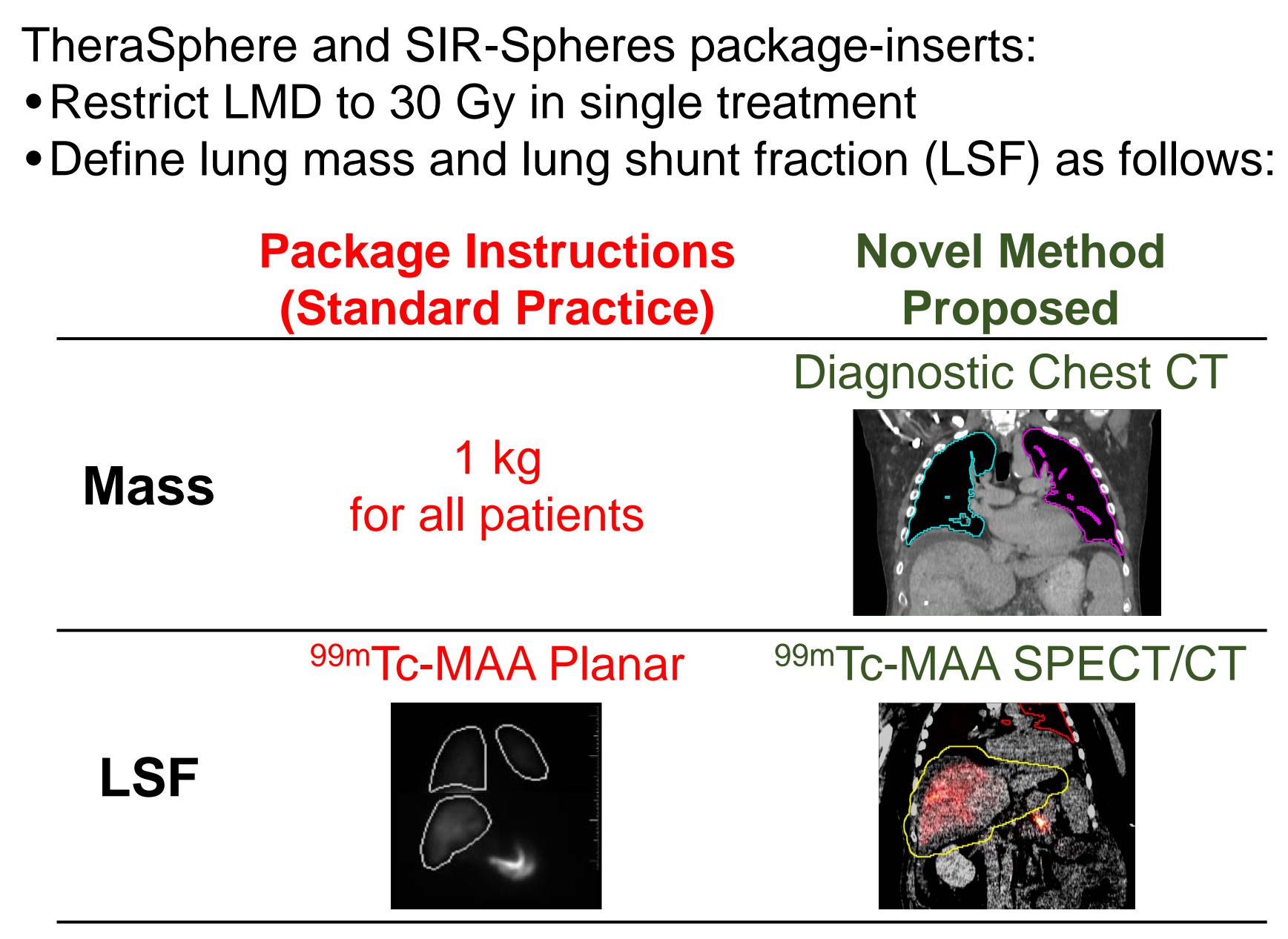
# **A Novel SPECT/CT-based Lung Mean Dose Calculation for Treatment** Planning in <sup>90</sup>Y-Microsphere Radioembolization Therapy

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## **Study Objective**

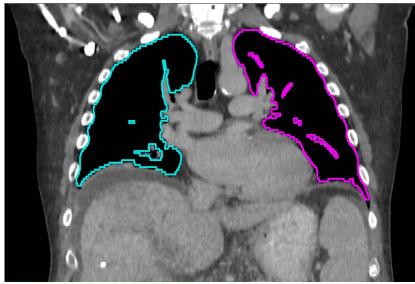
To improve the accuracy of lung dose estimates in <sup>90</sup>Y-microsphere liver therapy using standard-of-care imaging

### **Estimation of Lung Mean Dose (LMD)**

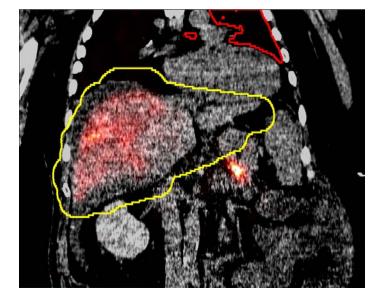


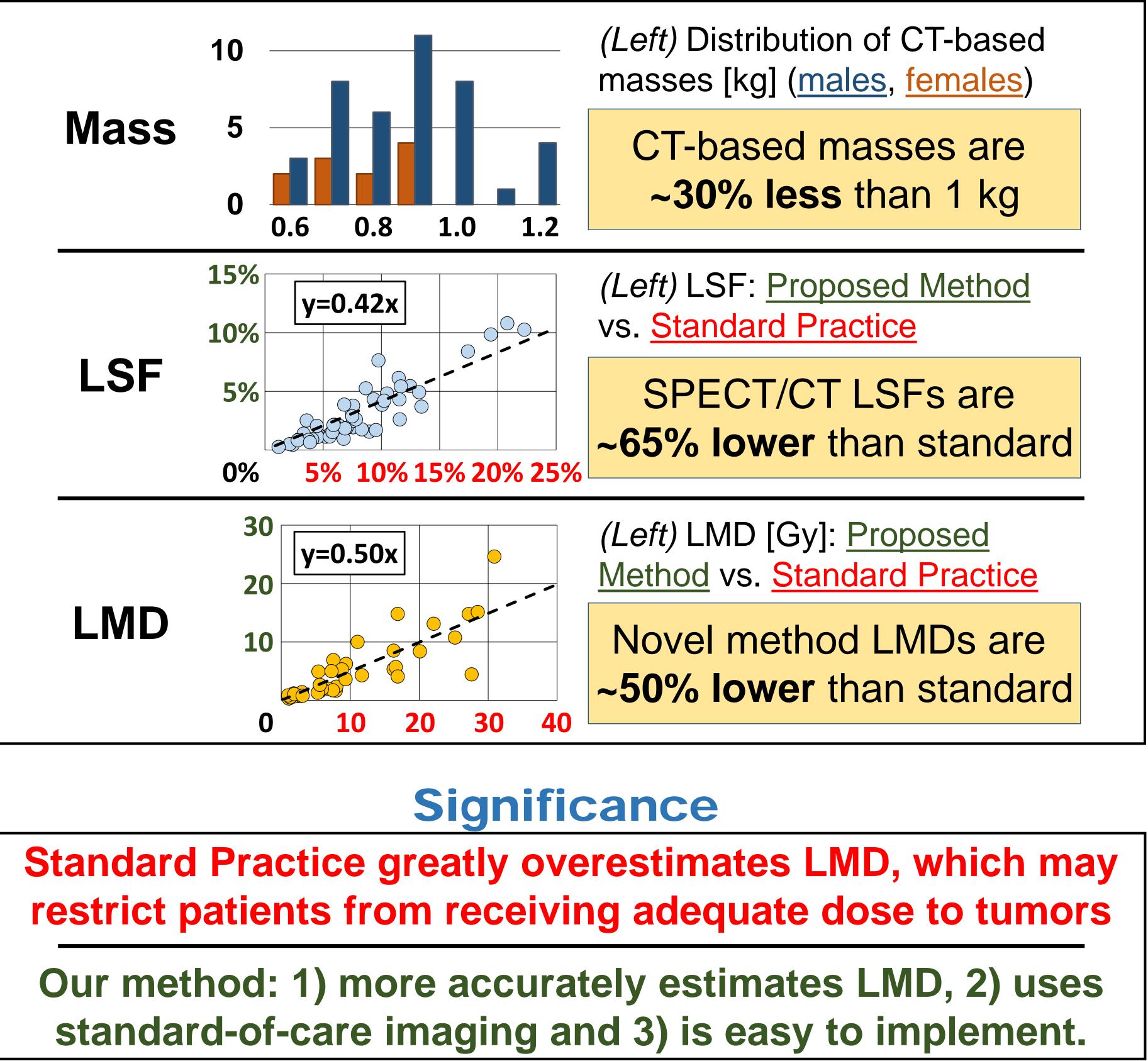
# Proposed

**Diagnostic Chest CT** 



<sup>99m</sup>Tc-MAA SPECT/CT







Monday 30<sup>th</sup> 7:30 am Karl Dean Ballroom A1 **Abstract #40208** 

# Key Results (n = 52)

# **Young Investigator Finalist**