

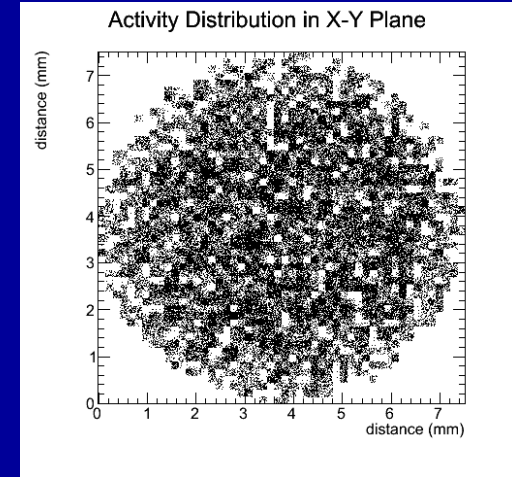
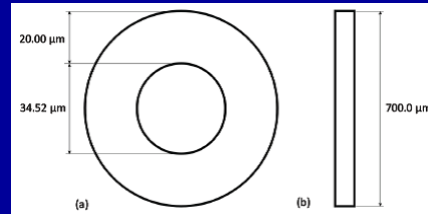
Macro-to-Micro Modeling and Dosimetry for the Salivary Gland: Application to ^{131}I and ^{225}Ac -PSMA Therapy

Macro-2-micro methodology associates measured whole organ activity (TIA) to small scale dose using anatomical modeling, MC, small scale histology and imaging

Dose to ductal cells greater than average dose to SG (conversion factor size and isotope dependent)



Salivary gland anatomy
parameterization of ductal cells



Matrix model simulation

Matrix model results

