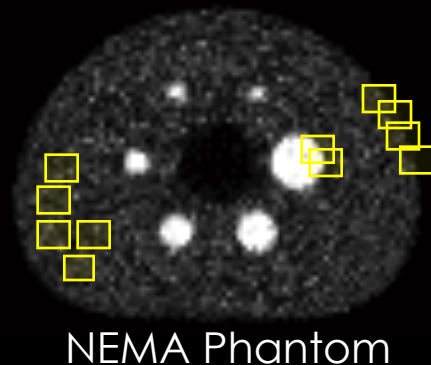# Improved PET Quantification by Adaptive Denoising and Regularized Image Reconstruction: A Feasibility Study.

Presenting Author: Mauro Namías
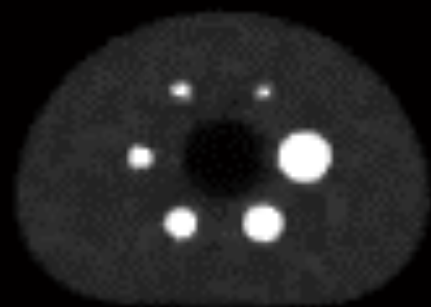Session Title: Quantitative Imaging: PET/CT, PET/MR, and MR
Date and Time: 07/30/2018 | 4:30PM — 6:00PM

Adaptive Denoising (A.D.)

NEMA Phantom

A.D.

Improved contrast recovery coefficients & scanner harmonization

CRC_{max}

- ● GE Discovery 710 + A.D.
- ● GE Optima 560 + A.D.
- ● GE Discovery 710 + Q.Clear
- ● Siemens Biograph + A.D.
- – – Harmonization tolerances

Sphere Diameter [mm]