ONCOLOGY GRAND ROUNDS
Tuesday, February 21, 2017

12:00 to 1:00 p.m. in Rooms A3-924A/B
London Regional Cancer Program

"Two heads are better than one: Technology development and applications for simultaneous positron emission tomography and magnetic resonance imaging (PET/MRI)"

Presenter:
Jonathan Thiessen, PhD
PET/MRI Physicist, Lawson Imaging Program, Lawson Health Research Institute; Assistant Professor, Department of Medical Biophysics, Western University

Hosted by: Physics

Objectives:
Review technology and applications of simultaneous PET/MRI at Lawson, including:
- Improved detection and staging of prostate cancer with PSMA-PET tracers on the clinical PET/MRI
- Multimodal measurements of glycolysis and perfusion in a rat model of glioma with preclinical PET, CT and MRI systems
- Development of MR-compatible PET inserts for high-resolution PET/MRI

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