Using PET Imaging to Address Clinically Relevant Oncology Questions, Validate Radiotracers and Improve our understanding of Cancer Biology:

The University of Washington experience with Lung Cancer

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Hope 103

Abstract: PET imaging has important roles in oncology from helping the clinical management of cancer patients, and serving as a tool to assess tumor response in clinical trials, to studying the biology of tumors. Through 15 years of experience applying PET imaging to non-small cell lung cancer, we will illustrate the opportunities but also the challenges of pursuing PET research in oncology. Among the studies to be discussed:

1) The application of tumor FDG uptake as a prognostic marker in NSCLC;
2) The validation of novel radiotracers such as [F-18]FLT;
3) The use of tissue correlates as guides to interpretation of PET imaging data.

http://tauruspet.med.yale.edu/wiki/index.php/PET_Talks!