The Prevent Cancer Foundation® will host its annual Quantitative Imaging Workshop, a high-impact, multi-disciplinary forum advancing progress in use of quantitative low-dose computerized tomography (LDCT) imaging biomarkers for detection and management of early thoracic disease (lung cancer, COPD and cardiovascular disease) – three of the top four leading causes of death in the U.S. Now, amidst the COVID-19 pandemic, we approach this year’s Workshop with a sense of urgency.

Rapid advances in medical imaging allow us to explore more accurate characterization of the clinical aggressiveness of early thoracic disease using computational analysis of high-quality thoracic CT images. This year’s workshop will include:

- A collaboration with the Quantitative Imaging Biomarkers Alliance – American Cancer Society/National Lung Cancer Roundtable to explore the implications of image quantitation as a clinical tool to measure changes in small suspected lung nodules in high-risk individuals.
- International expert-led discussion on the potential benefits of quantitative imaging techniques in managing early lung cancer and other tobacco-related diseases.
- Review of the accuracy/reliability of powerful new imaging tools as they are applied to early lung disease management.
- A forum held in partnership with the American Lung Association and including leading thoracic imaging experts. The goal of this is to ensure CT screening scans can be reliably used for quantitative analyses for both lung cancer and COPD. It will examine clinical practice recommendations for the extent of COPD changes found with CT screening.
- Distill clinical practice recommendations for the extent of COPD changes found with CT screening.
- Multi-disciplinary exploration of therapeutic interventions to extend curative options beyond thoracic surgery for screen-detected early lung cancer. Session sponsored by the Early Diagnosis and Treatment Research Foundation on behalf of the Initiative for Early Lung Cancer Research on Treatment (IELCART).

The 2020 Workshop will be held virtually, allowing for even greater global participation on the part of oncologists, pulmonologists, surgeons, radiologists, cardiologists and imaging scientists, along with representatives of federal agencies, the pharmaceutical and imaging industries and patient advocates.

Join us for Quantitative Imaging Workshop XVII
October 28-30, 2020

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