



CareImaging



LUNG CANCER

Positron Emission Tomography (PET) Scan Can Find Lung Cancer Early

CareImaging PET Scan Clinic is committed to using the **power of PET scan technology to find lung cancer early** and therefore **improve lung cancer treatment results** and **save Canadian lives**.

HOW CAN A PET SCAN MAKE A DIFFERENCE?

Benign or Malignant:

- ▶ Solitary pulmonary nodules can be screened with high accuracy using a PET scan. Conversely, CT and MRI cannot tell the difference between benign and malignant tumours.

Avoid Biopsies:

- ▶ PET can eliminate lung biopsies. PET is a non-invasive test and therefore is not associated with any morbidity as compared to lung biopsy.

Accurate Staging / Re-Staging:

- ▶ PET scan can determine the extent of the disease at initial diagnosis. PET is more accurate than CT in determining tumour stage.

Detect Cancer Metastases:

- ▶ PET detects distant cancer metastases (spread) resulting in more accurate treatment of lung cancer.

Differentiate Operable from Inoperable Cancer:

- ▶ PET can differentiate operable from inoperable lung cancer.

Evaluate Cancer Therapy:

- ▶ PET is effective in determining lung tumour response to therapy and in detecting recurrence in successfully treated lesions. PET results are the most reliable indicators of patient survival.

After lung cancer treatment, it is important to know if any active cancer cells remain in the body. In the past, the amount and type of chemotherapy that is used, as well as the area treated by the radiation beams in radiation therapy, was according to standard rules. PET allows the type and amount of therapy to be directed specifically to the patient, and the location, extent, and resilience of their type of lung cancer.

For more in-depth information on PET Scans and Lung Cancer, please visit www.careimaging.com/lung-cancer.htm or contact the CareImaging PET Scan Clinic at 905-712-9500 or info@careimaging.com.