

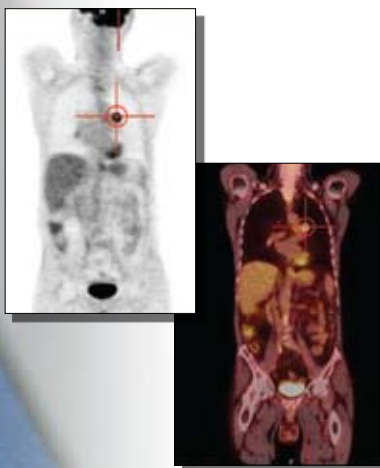
IMPACT OF PATIENT MANAGEMENT WITH PET/CT UTILIZATION

How does PET/CT impact patient management?

PET/CT Utilization will impact patient management by offering earlier diagnosis, accurate staging, localization, precise treatment and monitoring. A Tower PET/CT scan provides high-tech images and subspecialty interpretation to the treating physician to further evaluate response to therapy. In addition, PET/CT provides early detection of the recurrence of cancer, revealing tumors that might otherwise be obscured by scar tissue that results from surgery and radiation therapy. The combination of PET/CT provides physicians a more complete picture of what is occurring in the body, both anatomically and metabolically, at the same time.



PET/CT offers measurable changes to patient management:



Tumor	Key management issues addressed by PET	Overall % change vs. conventional imaging
Lung Cancer	<ul style="list-style-type: none"> - Primary diagnosis - Initial staging of NSCLC - Monitoring response to therapy - Detecting recurrence & restaging 	37%
Lymphoma	<ul style="list-style-type: none"> - Initial staging - Monitoring response to therapy - Detecting recurrence & restaging 	21%
Colorectal Cancer	<ul style="list-style-type: none"> - Monitoring response to therapy - Detecting recurrence & restaging - Evaluation of liver lesions for malignancy 	36%
Melanoma	<ul style="list-style-type: none"> - Whole body staging of thick lesions - Assess nodal spread of intermediate lesions - Monitoring response to therapy - Detecting recurrence & restaging 	26%
Head & Neck Cancer	<ul style="list-style-type: none"> - Locating site of primary disease - Staging regional lymph node spread - Monitoring response to therapy - Detecting recurrence & restaging 	33%
Breast Cancer	<ul style="list-style-type: none"> - Detecting recurrence & restaging 	40%

Source: A Tabulated Summary of the FDG PET Literature, Journal of Nuclear Medicine May 2001 vol. 42 (5) supplement.