Trident PET of Gwinnett

The Stage

September 2004

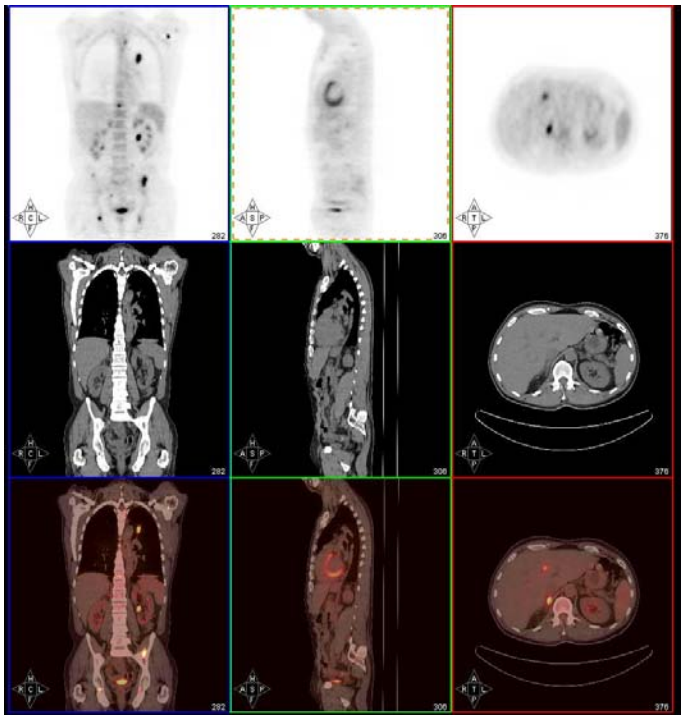
Case of the Month

➢ Solitary Pulmonary Nodule

PET

CT

PET/CT



PATIENT HISTORY

- 53 y/o male initially saw his physician for 2-3 weeks of chest pain. The patient showed no improvement and was subsequently treated with antibiotics for possible bronchitis. CXR demonstrated a lesion in the left upper lobe. A CT was performed and confirmed the lesion.

PET/CT FINDINGS

- A PET/CT demonstrated the lung lesion with metastasis to the mediastinum, liver, right adrenal and skeletal system unsuspected on the original CT scan.

ADDITIONAL FINDINGS

- Imaging was followed with a biopsy and confirmed metastatic lung carcinoma.

DISCUSSION

- This case illustrates the ability of PET/CT to characterize lung lesions, and appropriately stage patients. The PET scan provided metabolic information about the lesion seen on CXR, and upstaged the patient by finding multiple metastases. The CT component of the scan allowed for precise localization of the lesions with high diagnostic confidence. Based on these findings a thoracotomy was avoided. The patient is now under the care of a medical oncologist and enrolled in a research protocol for treatment.

Reviewed and reported by **David M. Schuster, MD**

Message from the CEO

Welcome to the inaugural issue of *The Stage*. This monthly newsletter is intended to provide you with insight into the value of PET/CT imaging. In this issue, and subsequent volumes, we will explore the many clinical applications of PET/CT by presenting actual case studies from our centers. Additionally, *The Stage* will cover many hot topics including current literature reviews, regulatory and reimbursement news, and clinical guidelines updates.

Trident's company mission is to "Improve the treatment of cancer, neurological and cardiac diseases by providing a 'more complete picture' to physicians and patients." We hope *The Stage* helps meet the challenge of that mission and that it provides you with useful information to improve disease outcomes.

Fred Stuvek, Jr.
President and CEO
Trident Molecular Imaging, LLC

770-513-2499
www.tridentpet.com
"A More Complete Picture"

The Stage

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MEET OUR RADIOLOGISTS

This Month: David M. Schuster, MD

With over 10 years experience, Dr. Schuster currently serves as Clinical Director of PET and Assistant Professor of Radiology at Emory University Hospital. His educational background includes a B.S. in Biology from Rensselaer Polytechnic Institute and an M.D. from Albany Medical College in NY. Dr. Schuster was an instructor at Tufts University School of Medicine, where he also completed his residency in Diagnostic Radiology. He was a staff radiologist at the Boston and Asheville, North Carolina VA Medical Centers. Dr. Schuster later completed his Fellowship in Nuclear Medicine at Emory University Medical Center in Atlanta. He is board certified in Radiology and Nuclear Medicine. He is a co-author of *A Clinician's Guide to Nuclear Medicine*, and has published numerous articles in peer-reviewed journals. Dr. Schuster was awarded the Society of Nuclear Medicine 2002 Tetalman Award and a Pilot Research Grant in 2003.

To Order a PET/CT Scan:

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Fax: 770-513-2715
Email:
infogwinnett@tridentpet.com

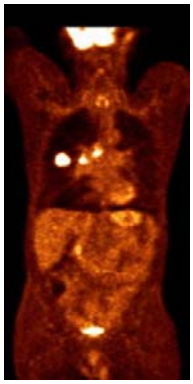
Trident PET of Gwinnett
545 Old Norcross Road,
Suite 200
Lawrenceville, GA 30045

Insurance Stuff

Medicare-Approved Indications for PET/CT

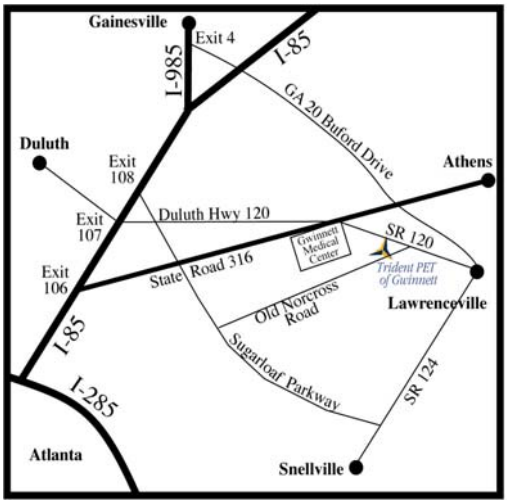
Oncology

- Breast Cancer
- Colorectal Cancer
- Esophageal Cancer
- Head and Neck Cancers
- Lung Cancer (Non-Small-Cell)
- Lymphomas
- Melanoma
- Solitary Pulmonary Nodule
- Thyroid Cancer



Cardiology

- Myocardial Viability
- Coronary Artery Disease (Perfusion)



Did you know???

Trident Molecular Imaging's Georgia centers are "Preferred Providers" for all Blue Cross / Blue Shield of Georgia plans.

HEY…Check out our website

770-513-2499
www.tridentpet.com

"A More Complete Picture"