PET/CT Specifications

Technical Requirements

- Time of Flight PET system with list mode reconstruction
- High definition PET reconstruction
- 4D (respiratory gating) for PET and CT
- ECG cardiac gating for PET and CT
- Minimum 64 slice CT configuration
- Fasted CT rotation time option
- Cardiac CTA software
- Advance CT interactive reconstruction dose reduction software
- Gantry opening diameter ≥ to 70cm
- Patient table limit > 400 lbs.
- UPS to maintain total system functionality for 10 minutes without facility power
- CT injector interface
- Radiation Therapy Planning flat pallet
- Patient comfort table pads
- Respiratory gating for PET & CT
- Dose reporting features
- Runs on Windows 7 or latest version

Software Application Options

- Tumor Tracking with auto tumor segmentation
- Quantitative software
- Cardiac quantitative software
- Neuro quantitative software
- Oncology quantitative software

Optional Items

- Uptake room or exam room anxiety reducing technology
- CT simulation lasers (3 movable)
- Extended warranty of 6 months
- VPN Capability

Training

- On-site or off-site applications training for physicians (2 physicians – tuition and travel)
- Pre-installation clinical education for technologists (2 technologists – tuition and travel)
- On-site clinical education for technologists training for activation (2 technologists)
- Follow up on-site clinical education and applications training (72 hours)
- Full Biomed Systems training PET/CT image review server (2 engineers – tuition and travel)