

**VA New England Healthcare System  
Clinical Engineering Consolidated Program  
&  
High Cost High Tech Equipment**

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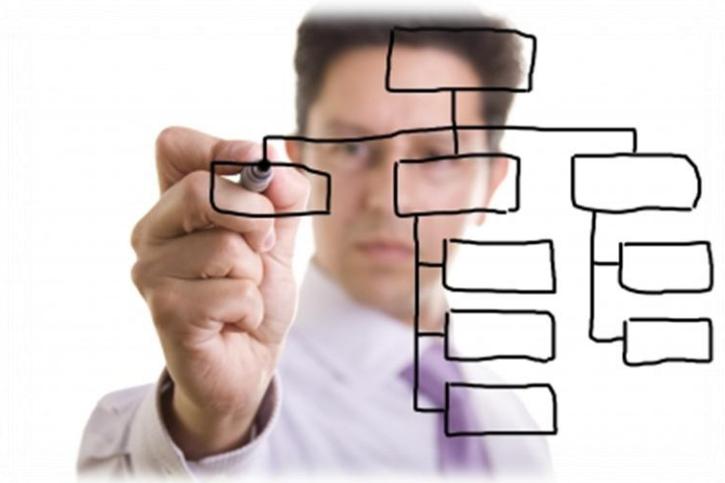
# Objective

After this presentation you will:

- Have a basic understanding of what the Clinical Engineering Consolidated Program does within VA New England Healthcare System
- Have a high level understanding of how we deal with High Cost High Tech (HCHT) Equipment Purchases
- Have a high level understanding of the FY12 into FY13 HCHT Activity

# What do we do?

Clinical Engineers and Biomedical Equipment Support Specialists are involved in many areas throughout VA New England :



- Repair and Support of Medical Equipment
  - Technology Assessment and Evaluation
  - Implementation Project Management
  - Hazard/Incident Investigation
  - Technical Consultation
  - Strategic Replacement Planning
  - Clinical Education
- ... To name a few

# Where are we involved?

The healthcare technology support team of the VA works in areas which cross nearly every clinical service.

Surgery/OR

Diagnostic Imaging

Endoscopy

Pharmacy

Medical/Surgical

Mental Health

Dermatology

Cardiology

Endocrinology

Nephrology

Primary Care

... To name a few

# High Cost / High Technology Equipment

HCHT Medical Equipment is defined as all medical equipment acquisitions in excess of \$100,000.

- **September:** each Medical Center submits a ranked list of HCHT requests for the following year
- **September / October:** lists are combined and ranked for review by Administrative and Clinical Leadership Boards for recommendation to the Executive Leadership Board
- **October/November:** Executive Leadership Board reviews list, makes approvals, and sets initial dollar threshold
- **October – January:** equipment packages are completed and orders submitted following ELB approval
- **January – September:** CECP monitors activity and progress of orders and prepares for additional “drop” money to come available and shift threshold.



# FY 12 HCHT and Plans moving into FY 13

# FY12 End of Year Obligations

- Final weeks of FY12, \$1.4B of MS/MF funds made available to VISNs for immediately procurable actions
  - VISN 1 Action Plan: purchase all items with complete packages from approved FY12 HCHT list
    - Obligate to 1VA items with known data (all supporting documentation)
    - Obligate to the National Acquisition Center for all planned/approved orders
      - NAC orders allow for a 5 year period between obligation and final payment(s)
  - VISN 1 Ultimately acquired and obligated >\$60M
    - **This included fully funding RTLS for FY13**

# Next Steps for FY12 EOY, 1VA and NAC orders

- CECP is developing a multi-year implementation strategy
  - Working with Fiscal and CAM to review MF monetary needs to support turnkey or local project preparations/installations over the duration (3-5 years) of the plan.
  - Implementation Plan (Priority) to be based on:
    - Clinical needs
    - Technology needs (service issues, end of life, etc.)
    - New requirements (e.g. – radiation dose monitoring, changes to accepted clinical practices)
  - Likely to be completed by equipment type for large standardization orders
    - e.g. – all “X” pieces of equipment will be installed in FY13, all “Y” in FY14

# Questions





# Examples of a few technologies...

# Surgical Robotics

- VA New England currently has 2 stations which provide robotically driven surgery
- Clinical Engineering is responsible for the maintenance and management of these devices , and participates in the training as well.



# High Slice CT

- VISN 1 Currently houses 3 High Slice CT Scanners, this number will be increasing to 5 in the coming years.



# Anesthesia in the Digital Age

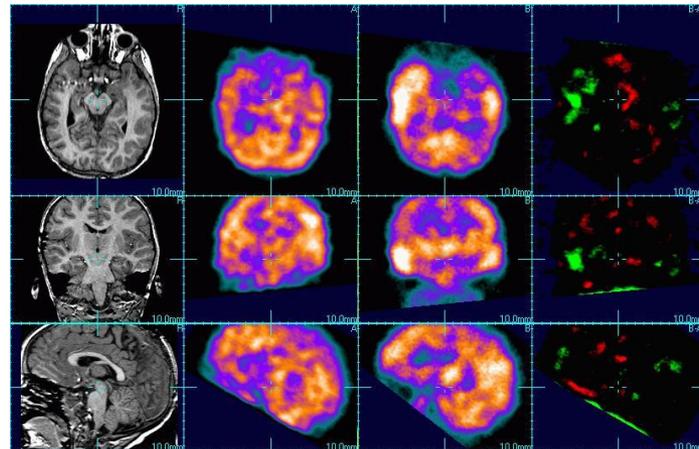
- VA New England set the benchmark
  - We are now completely standardized to some of the most current anesthesia equipment available.
  - Clinical Engineers from VISN 1 were asked to lead a national initiative to develop a standard procurement package to help the rest of the VA achieve a similar success.



# Advanced Imaging: SPECT

Single Photon Emission Computed Tomography.

VA New England currently has 3, an additional 3 are slated for the coming years.



# Questions

