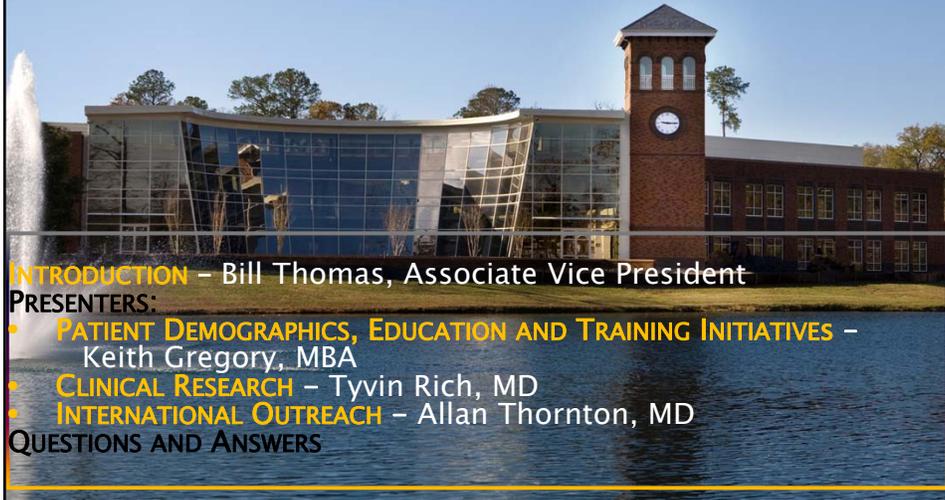


Hampton University Proton Therapy Institute Update The Joint Commission on Health Health Living/Health Services Subcommittee



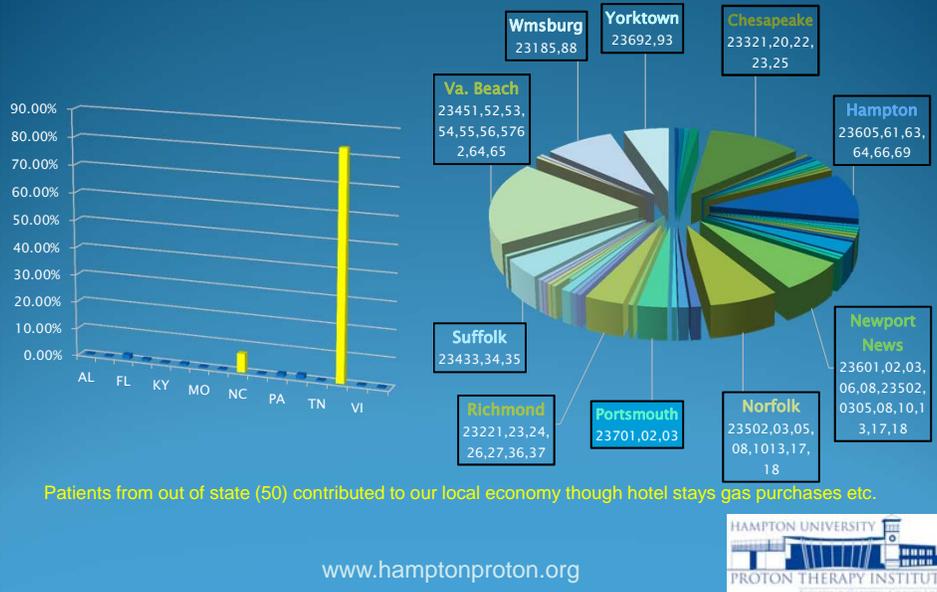
INTRODUCTION – Bill Thomas, Associate Vice President

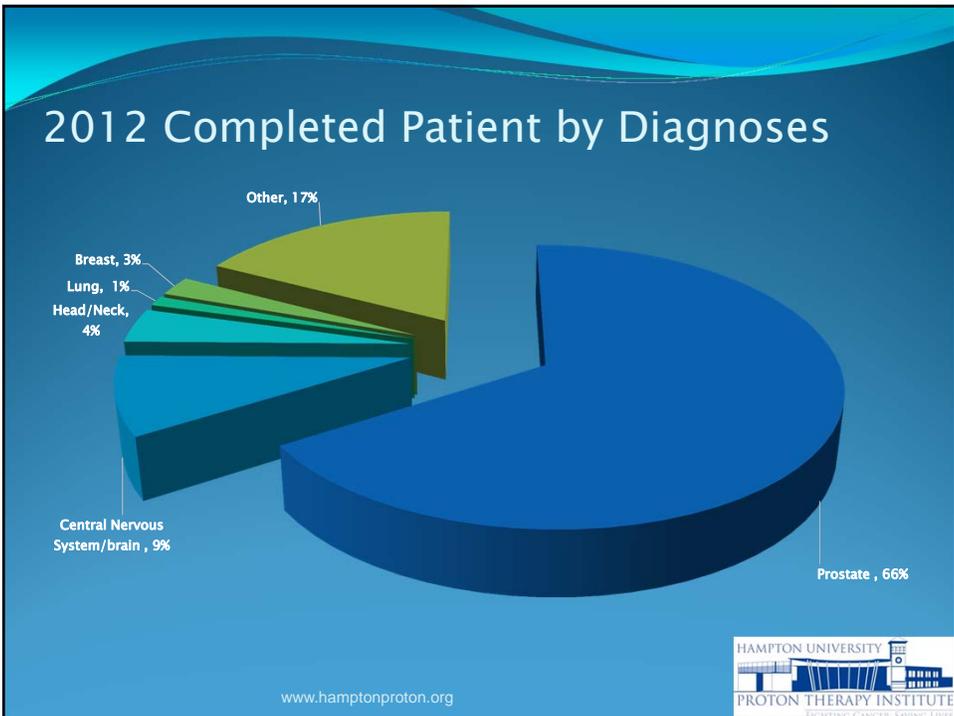
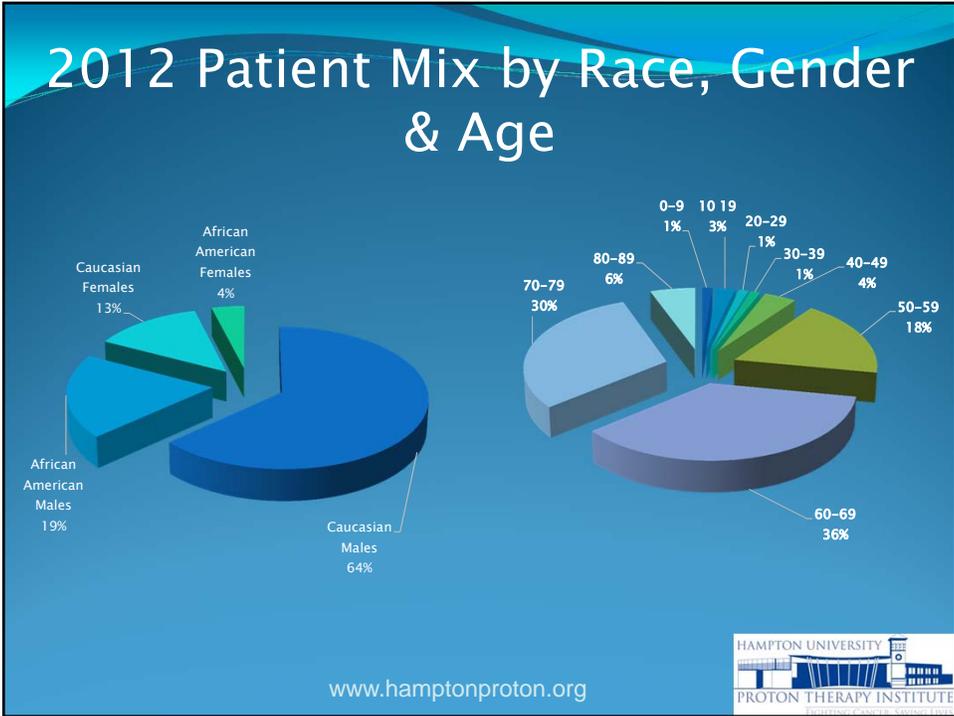
PRESENTERS:

- **PATIENT DEMOGRAPHICS, EDUCATION AND TRAINING INITIATIVES** – Keith Gregory, MBA
- **CLINICAL RESEARCH** – Tyvin Rich, MD
- **INTERNATIONAL OUTREACH** – Allan Thornton, MD

QUESTIONS AND ANSWERS

2012 Completed Patient Zip Code Data





Education & Training

- Statewide Seminars
- Student Rotations/Internships
 - Nursing, Nurse Practitioners, Radiation Therapy, Business, Journalism, Biology, Medical Physics
- Hampton Roads Prostate Health Forum
 - Early Detection Screenings, Men's Health Forums

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Basic Research: PET activation by Protons

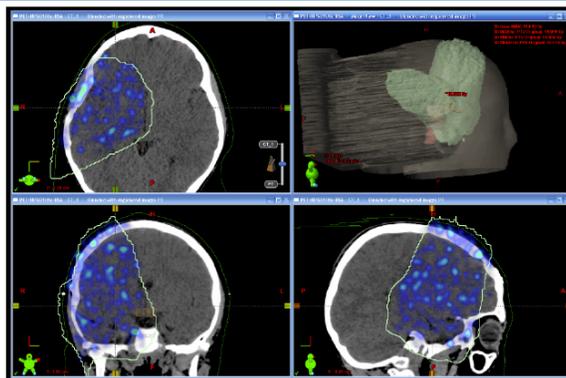
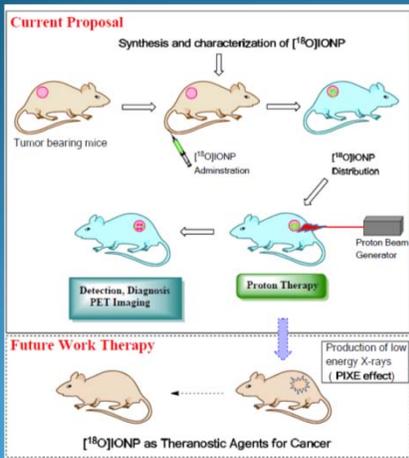


Figure 8. Beam-induced ^{11}C positron activation superposed with initial planned isodoses map. In-vivo PET activation exhibits a good agreement with initial proton fields.

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Basic Research: PET activation by Protons



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A collaborative project with Dr. Dongfang Pan at the University of Virginia

Seed money provided by funds from the NHRC

- Others in Process:
- Patient Immobilization
 - Beam Gating

Detector Development

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International and Pediatric Patient Update

- 5 anesthesia patients have received treatment at HUPTI since the 2012 collaboration with CHKD began
- 18 pediatric patients treated to date
- International Patients
 - 5 – Bahrain
 - 1 – Oman
 - 1 – Nigeria
 - 2 – Saudi Arabia
 - 1 – Argentina

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Questions



Thank you from our most important resource, the staff of HUPTI!