



## Collaborative Vision for Joint Clinical Initiatives with Walter Reed National Military Medical Center and JHU-Suburban Hospital

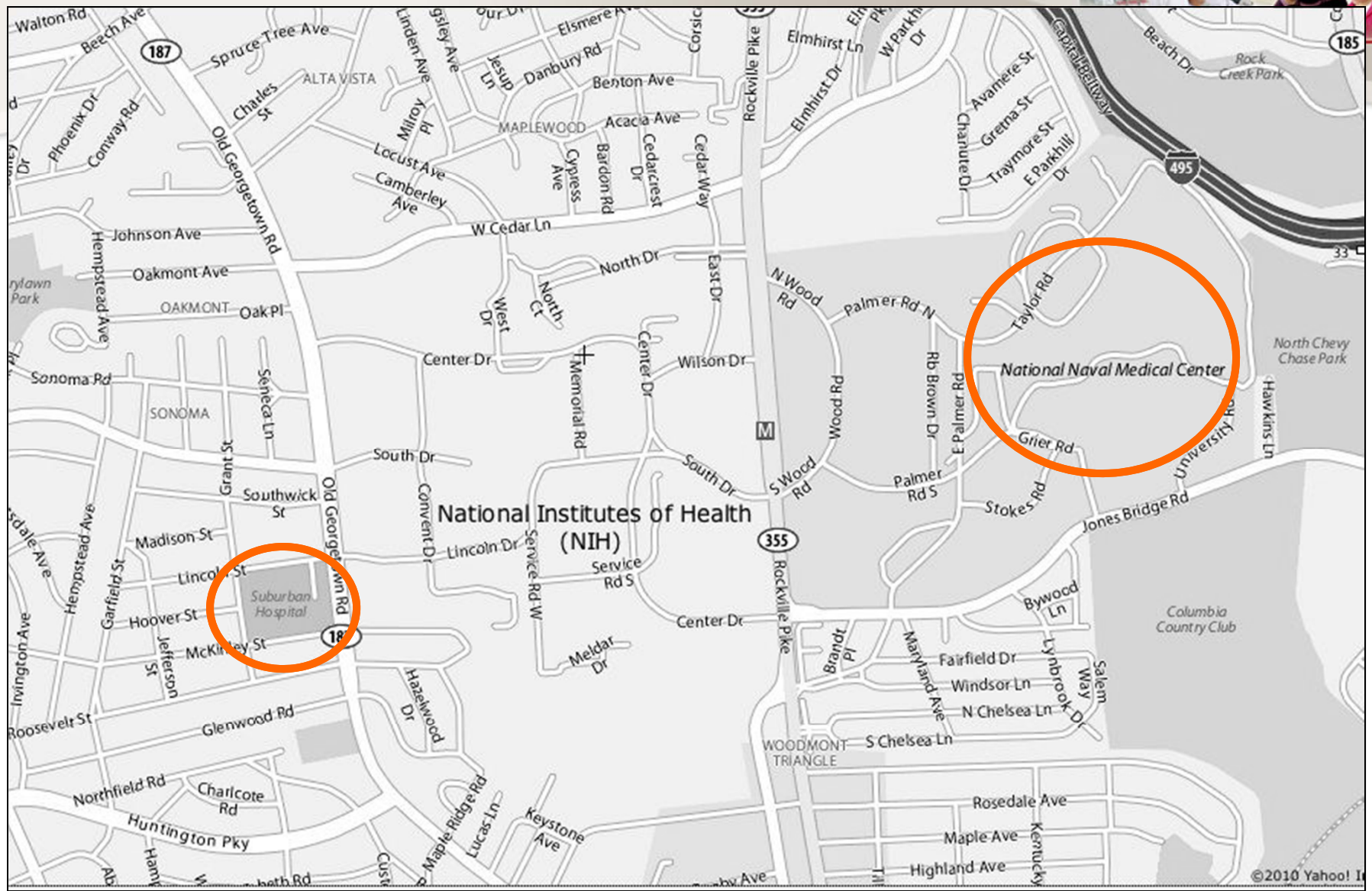
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## Collaborative Vision

**A nexus for the integration of three institutions to leverage the strengths and resources of each for clinical cancer care and research**

- **National Cancer Institute/Clinical Center**
- **Walter Reed National Military Medical Center**
- **Johns Hopkins Suburban Community Hospital**





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## Opportunity Presented by BRAC

- **The Base Realignment and Closure (or BRAC) process is directed by Congress to close and consolidate military installations in order to save money on operations and maintenance**
- **As a result of BRAC, Walter Reed Army Medical Center will relocate all tertiary (sub-specialty and complex care) medical services to National Naval Medical Center, Bethesda, MD, establishing it as the Walter Reed National Military Medical Center (WRNMMC)**



# WRNMMC Project



**345 Inpatient Beds**  
**Square Footage:**  
Addition: 677,000  
Alteration: 330,000  
Support Facilities: 700,000



## New Capabilities at WRNMMC

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- **Vision Centers of Excellence**
- **National Intrepid Center of Excellence**
- **Level I Trauma Care**
- **Consolidated Cancer Center**
  - Gynecological Oncology
  - Prostate Oncology
  - Breast Cancer
  - Medical Oncology
  - Surgical Oncology
- **Comprehensive Warrior Transition Support Services**
- **Joint Pathology Center**

# National Intrepid Center of Excellence



- 75,000 square foot, two-story facility being built next to new WRNMMC
- Advanced diagnostics, initial treatment plan and family education, introduction to therapeutic modalities
- Provides referral and reintegration support for military personnel and veterans with TBI, post traumatic stress disorder, and/or complex psychological health issues



# Proposed WRNMMC/NCI Cancer Center



## DoD Benefits

- Establishing a research base as part of a new world-class medical center
- Patients have access to state of the art care and research protocol options
- Highly skilled staff available to provide oncologic care and expertise
- Recruit and retain the best in military medicine by being part of a leading scientific program

## NCI Benefits

- Exposure to standard of care cancer patients for clinical fellows
- Access to clinical outpatient/inpatient space
- Access to laboratory space
- Access to patient population to increase clinical trial accrual
- Access to unique technology at the Military Medical Institute in radiation oncology and radiobiology



## Opportunities for Enhanced Collaboration with Walter Reed Military Medical Center

- **Based at Walter Reed National Military Medical Center (WRNMMC)**
- **A component of the Uniformed Services University of the Health Sciences**
- **Develop an expanded collaborative relationship between the NCI and the WRNMMC creating a hub of national military cancer medicine and an outstanding Cancer Center for the translational cancer research.**

# Background – NCI Partnerships With Military

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## Areas of collaboration with the military

- Joint Clinical Research
- Clinical Training
- Patient Referral Through Collaboration



## History of Joint Clinical Research at NNMC

### National Naval Medical Center

- Naval Medical has had a longstanding collaborative program with NCI having several programs located on site at the Bethesda Naval Medical Center since 1981
- First randomized trial demonstrating that standard dose therapy was as good as double dose in small cell lung cancer.
- Established the most common staging system for mycosis fungoides.
- Establishment of the cell line that led to the initial isolation of the first human leukemia retrovirus (in acute T-cell leukemia/lymphoma).
- Establishment of the world's largest cell line bank in lung cancers, which has led to seminal molecular insights into lung cancer.
- Leaders in using cell lines from patients to look for drug resistance
- Developed the standard regimen (still being used) for limited stage small cell cancer

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- Joint Clinical Research
- **Clinical Training**
- Patient Referral Through Collaboration

# Background – NCI Partnerships With Military and Suburban



## Clinical Training

- Medical Oncology Branch Clinical Fellows Train at the National Naval Medical Center (NNMC)
- Radiation Oncology Joint Residency Training Program (National Capital Consortium) with rotations at NNMC, Walter Reed and NCI
- Military gynecologic oncology fellows do research rotations at the NCI

# Background – NCI Partnerships With Military

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# Background – NCI Partnerships With Military

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## Patient Referral Through Collaboration

- Walter Reed (Prostate and Radiation Oncology)
- NNMC (Medical Oncology)





## NCI Partnerships With Military

### **Future Opportunities for New and Expanded Collaborations**



# Future Opportunities for New and Expanded Collaborations with Military

## Radiation Oncology

- Integration of Radiation Oncology Departments at Walter Reed and NCI including joint protocol development and NCI staff on site at WRMI
- Discussions on-going about enrolling military patients on NCI protocols with treatment using DOD's proton beam at UPenn

## Centers of Excellence

- Lung Cancer, Breast Cancer, and Gynecological Oncology Centers of Excellence would be established with both NCI researchers and WRNMMC staff.
- Would leverage current expertise and integrate world-class translational research programs combining state of the art laboratory research and support with cutting-edge clinical trials in these diseases.
- Collaboration would further improve the care of the military patients and other eligible beneficiaries who are diagnosed with cancer.

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# Current Collaborations With Suburban and JHU

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## Patient Referral Through Collaboration

- NCI physicians participating in Suburban GI and Prostate Tumor Boards
- Collaboration for Treatment with Radiation Oncology (Brachytherapy Trial)
- Long standing successful joint fellowship program between JHU/NCI in Pediatric Hematology/Oncology



## Next Steps

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- **Implementation Team (“I-Team”) has been chartered to build the vision for partnership between Walter Reed and NCI for world class medical care.**
- **Discussions with JHU and NCI on Suburban partnerships on-going**