Joint Pathology Center

Concept of Operations and Implementation Plan
Presented to the Defense Health Board by the Joint Task Force National Capital Area Medical
5 Sept 2008
Purpose of Brief

- To provide the Defense Health Board (DHB) the DoD Implementation Plan for the Joint Pathology Center (JPC) for review

- To request an opinion on the appropriateness and feasibility of the plan for DoD

- To request an opinion and recommendations regarding concept of operations for the Joint Task Force
Background

• BRAC 2005 disestablished the Armed Forces Institute of Pathology

• NDAA 2008 directed the President to establish a Joint Pathology Center (JPC)

• An ASD(HA) Joint Pathology Center Working Group (JPCWG) was chartered to review courses of action

• JPCWG endorsed and ASD(HA) selected the Joint Task Force National Capital Region Medical (JTF CAPMED) proposal
Vision and Mission

• Vision
  – The JPC is the Federal Government’s premier pathology reference center supporting the MHS, DoD and other federal agencies

• Mission
  – The JPC will provide world class diagnostic subspecialty pathology consultation, education, training, research and maintenance/modernization of the tissue repository in support of the mission of the DoD and other federal agencies
Organizational Structure

WRNMMC

Department of Pathology

Joint Pathology Center (JPC)

JPC Staff Total - 81
Bethesda Campus - 18
Forest Glen Annex - 63

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Bethesda Campus - 18
Forest Glen Annex - 63

Histology
11 (CIV)

Joint Pathology Center Office of the Director
1 (O); 5 (CIV)

Project Management Office
5 (CIV)

ACTUR
2 (CIV)

Diagnostic Service
1 (O); 25 (CIV)

Tissue Repository
10 (CIV)

Molecular Lab
14 (CIV)

Research and Education
3 (CIV)

Support Staff
4 (CIV)
Major Functions

- Provide subspecialty pathology services
- Employ state-of-the-art interpretive technology
- Operate a Program Management Office (PMO)
- Provide Veterinary & Oral Pathology Consultative Services
- Operate the world-renowned Tissue Repository
- Enhance military medical Education, Training and Research
Joint Pathology Center

- Personnel Requirements: 81 (2 Mil; 79 Civ)
- Personnel Authorizations: 81 (2 Mil; 79 Civ)
- Workload: 23,900 cases per year
- Facility Requirements:
  - Bethesda Campus (1,000 sq ft)
  - Forest Glen Annex (42,000 sq ft)
- Equipment and Initial start-up costs: $2.9M (estimate)
- Annual Operating Expenses: $14M (estimate)
Key Assumptions

- Programmed funding through the DHP
- Veterans Administration continues historical level of financial support
- AFIP equipment will be available for reuse by JPC
- Efficiencies gained through consolidation of resources with WRNMMC
- Collaboration with other federal agencies for education and research will be initiated
Way Ahead

- Gain approval for concept of operations; develop implementation plan; refine program requirements
- Ensure strategic communications with stakeholders
- Complete facilities renovation
- Finalize equipment acquisition strategy
- Align Civilian Personnel System (CPS) IAW the WRNMMC and JTF CAPMED CPS
- Synchronize transition with WRAMC & NCR BRAC transition
Questions?
Backup slides
## Projected Workload

### Estimated Workload for the Joint Pathology Center

<table>
<thead>
<tr>
<th>Service</th>
<th>Annual Volume</th>
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<tbody>
<tr>
<td>Total cases</td>
<td>23,900 cases per year</td>
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<tr>
<td>Paraffin blocks cut</td>
<td>140,418 blocks per year</td>
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<tr>
<td>Hematoxylin and Eosin slides</td>
<td>57,792 slides per year</td>
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<tr>
<td>Immunoperoxidase stains</td>
<td>75,729 slides per year</td>
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<tr>
<td>Special stains</td>
<td>26,348 slides per year</td>
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<tr>
<td>Total slides per year</td>
<td>159,959 slides per year (not including negative controls)</td>
</tr>
<tr>
<td>Molecular Pathology</td>
<td>4,000 tests per year</td>
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# Staffing

<table>
<thead>
<tr>
<th>Personnel</th>
<th>Staff Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pathologists</td>
<td>23</td>
</tr>
<tr>
<td>Chief</td>
<td>1</td>
</tr>
<tr>
<td>Laboratory manager</td>
<td>1</td>
</tr>
<tr>
<td>Histology techs</td>
<td>7</td>
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<tr>
<td>Information techs</td>
<td>2</td>
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<tr>
<td>Quality Assurance</td>
<td>1</td>
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<tr>
<td>PMO</td>
<td>5</td>
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<tr>
<td>Secretary</td>
<td>1</td>
</tr>
<tr>
<td>Transcription</td>
<td>4</td>
</tr>
<tr>
<td>Molecular Lab</td>
<td>14</td>
</tr>
<tr>
<td>Telepathology</td>
<td>3</td>
</tr>
<tr>
<td>Repository</td>
<td>10</td>
</tr>
<tr>
<td>Education</td>
<td>2</td>
</tr>
<tr>
<td>Research</td>
<td>1</td>
</tr>
<tr>
<td>Automated Central Tumor Registry</td>
<td>2</td>
</tr>
<tr>
<td>Transport/courier</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>81</strong></td>
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