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**Technology and Equipment Committee**  
**June 7, 2017**  
**Recommendations to the N. C. State Health Coordinating Council**

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The Technology and Equipment Committee met once on May 10, 2017.

The topics reviewed and discussed included:

- Current policies, assumptions, and methodologies for Lithotripsy, Gamma Knife, Linear Accelerators, Positron Emission Tomography (PET) Scanners, Magnetic Resonance Imaging (MRI) Scanners and Cardiac Catheterization Equipment for the Proposed 2018 State Medical Facilities Plan (SMFP);
- Preliminary drafts of need projections generated by the standard methodologies;
- Mobile PET scanner utilization analysis; and
- Fixed multi-position MRI Scanner demonstration projects.

The following is an overview of the Committee's recommendations for consideration by the North Carolina State Health Coordinating Council (SHCC) in preparation for Chapter 9 - Technology and Equipment of the Proposed 2018 Plan. This report's organization is by equipment and aligns with the organization of Chapter 9 of the SMFP.

**Chapter 9: Technology and Equipment**

No petitions or comments were received on any section of Chapter 9.

**Lithotripsy**

- Application of the methodology based on data and information currently available results in **no draft need determinations** at this time.

**Gamma Knife**

- Based on data and information currently available, **no draft need determinations** have been identified at this time.

### **Linear Accelerators**

- Application of the methodology based on data and information currently available results in **no draft need determinations** at this time.

### **Positron Emission Tomography (PET) Scanners**

- As an item of outstanding old business, the Committee reviewed the number of TE-1 Fixed PET to Mobile PET conversions and mobile PET utilization. The analysis and subsequent recommendation from the Agency, was that one additional mobile scanner would be needed to maintain statewide coverage. The Committee voted to approve **a need determination for one mobile PET scanner statewide.**
- There were **no need determinations for fixed PET scanners.**

### **Magnetic Resonance Imaging (MRI) Scanners**

- Application of the methodology based on data and information currently available results in **two need determinations for fixed MRI scanners in the multi-county service area of Pasquotank/Camden/Currituck/Perquimans and in Union County.** This is an update from the information initially presented at the May 10<sup>th</sup> Committee meeting. The need for one fixed MRI scanner in Mecklenburg County was removed when data corrections were received.
- The Committee discussed another outstanding business item, adding the two demonstration projects for the fixed multi-positional MRI scanners 9Q(6) back into the need determination table 9P. The Agency's analysis showed that adding these scanners to the inventory would not result in significant changes in the need determinations and thus recommended it. The Committee agreed and voted to make this change.

### **Cardiac Catheterization Equipment**

- Application of the methodology based on data and information currently available results in **one need determination for fixed cardiac catheterization equipment in Buncombe County** at this time.

### **Recommendation for Chapter 9: Technology and Equipment for the Proposed 2018 SMFP:**

The Committee recommends the current assumptions, methodologies and draft tables for lithotripsy, gamma knife, linear accelerators, PET scanners, MRI Scanners, and cardiac

catheterization equipment be accepted for the Proposed 2018 Plan. References to dates will be advanced one year, as appropriate.

Also, the Committee recommend to authorize the staff to update all narratives, tables and need determinations for the Proposed 2018 Plan as new and corrected data are received. Need determinations are subject to change.