

**Technology and Equipment Committee**

**Radiation Oncology Services -  
Linear Accelerators**

**Material Presented by**

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Comments from Christopher G. Willett, MD, Chair of the Department of  
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On the report form that appears on page 105 of the 2008 Plan, we would suggest:

- Eliminate the line for "Neutron and proton radio therapy". So far as we know, no one is doing either in NC.

- Eliminate the line for "Limb salvage irradiation" and include those procedures with other "Complex" treatments

- Eliminate the line for "Additional field check radiographs" and compensate by increasing the weights for simple, intermediate and complex treatments (see below)

- To incorporate field check radiographs and account for the difference in the times they require, increase the weight for simple procedures from 1 to 1.2, for intermediate procedures from 1 to 1.4, and for complex procedures from 1 to 1.6

- Increase the weight for IMRT procedures from 1 to 2. (When used appropriately, it is time consuming for all staff.)

- Find a way to reflect the additional time required (10 to 30 minutes per tx) for on-board imaging (OBI), cone beam CT, and respiratory gating - perhaps an additional 0.5 to 0.75.

- Add a line for extracranial stereotactic treatment, and give a weight of 3 to 4 for both cranial and extracranial treatments, given the time they require.