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| <b>Name of Policy:</b>  | <b>Computer Program Acceptance Testing</b> | <br><b>Effective Date:</b> 5/2008<br>Initial Effective Date: 1/26/1992 |
| <b>Policy Number:</b>   | 3364-134-28                                |  |
| <b>Department:</b>  | Radiation Oncology                         |  |
| <b>Approving Officer:</b>   | Vice President & Executive Director        |  |
| <b>Responsible Agent:</b>   | Technical Manager, Radiation Oncology      |  |
| <b>Scope:</b>   | Radiation Oncology                         |  |
| <input type="checkbox"/> New policy proposal <input type="checkbox"/> Major revision of existing policy |  | <input type="checkbox"/> Minor/technical revision of existing policy <input checked="" type="checkbox"/> Reaffirmation of existing policy                |

**(A) Policy Statement**

Acceptance testing shall be performed on each dose calculating computer program that could be used for brachytherapy dose calculations.

**(B) Purpose of Policy**

To ensure the accuracy of computer programs used for brachytherapy dose calculations.

**(C) Procedure**

1. Acceptance testing will be performed only by those persons qualified by education and training to perform such tests.
2. Acceptance testing will be performed before the first clinical use and after the modification of a treatment planning or dose calculation computer program used for brachytherapy dose calculations.
3. The results of the acceptance testing will be retained and compared with any assessment performed following a significant revision of the computer program.

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| <b>Approved by:</b><br><br>_____<br>John Feldmeier<br>Professor & _____<br>Oncology (prev. format) _____<br>Oncology     | <b>Review/Revision Date:</b><br>10/1993<br>10/1996<br>4/1999<br>3/2002<br>5/2008 |
| _____<br>Mark Chastang<br>Vice President & Executive Director<br><br>Review/Revision Completed By:<br>Michelle Giovanoli | _____<br>Date<br><br>_____<br>Date<br><br><b>Next Review Date:</b> 5/1/2011      |
| <b>Policies Superseded by This Policy:</b> 38-72   |  |

*It is the responsibility of the reader to verify with the responsible agent that this is the most current version of the policy.*