ATC PRIORITY LIST
January 10, 2005

1. Provide daily operational support for ongoing ATC facilitated protocols (RTOG, JCOG, see ATC website for protocol details) - [Service for ATC supported protocols is given highest priority; ask that response be given within three day period]
    a. Facilitate digital data submissions
    b. Evaluate/approve institution's credentialing tests for each specific protocol
    c. Facilitate/perform QA reviews of submitted digital data sets
    d. Maintain QA and treatment planning databases

2. Facilitate outcome analysis and data mining for ATC supported closed protocols (RTOG 9406, 9311, 9803, 0319) [ongoing]

3. Implement ATC Method 1 technology at QARC (and eventually RPC) [ITC to pursue license agreement with CMS]. The current time line for this work is as follows:
    a. Establish a secure network connection between ITC and QARC to facilitate installation and support of ATC Method 1 software on the QARC-ITC Linux workstation (completed as of 10/12/04)
    b. Install/test ITC Remote Review Tool software and related utilities (complete as of 10/27/04).
    c. Install utilities and graphical user interface for importing DICOM and RTOG-format data into the RRT review system (appears to be working as of 11/9/04; further configuration and testing in progress)
    d. Begin training QARC personnel in the use of RRT and import of treatment planning data (December 2004)
    e. Configure QARC FTP server to receive data from protocol participants (late January/February 2005)
    f. System prepared to receive and review COG data (prior to COG meeting, late March 2005)

4. Continue to interface with RTP vendors and foster implementation of ATC compliant DICOM export capability [ongoing effort]
    a. ITC assistance to vendors for DICOM and/or RTOG Data Exchange implementation
    b. ATC representation in NEMA/DICOM Working Group 7
    c. ATC/AAPM/NEMA DICOM Connectathons
    d. ATC representation in IHE initiative

5. Develop, test, and implement ATC Method 2 technology [testing to be performed within ITC with support provided by RCET until system is ready for deployment outside ATC]

6. Develop, test, and implement ATC Method 3 technology at NCIC [testing to be performed by NCIC with support provided by RCET]

7. Provide expertise in the areas of protocol design, credentialing, monitoring, and analysis for new clinical trials that utilize advanced technologies and require digital data submission (e.g., NSABP B-39/RTOG 0413)
    a. Phantoms
    b. Credentialing documents and criteria
    c. QA procedures, documents, and criteria
    d. ATC web page/links
    e. QA database

8. Develop formal interface mechanisms with other cooperative groups (NSABP, NCIC, JCOG, COG, PBTC, SWOG, CALGB, EORTC) [ongoing]

9. Develop BrachySys software to facilitate RPC supported clinical trials [software being developed by RCET with testing done at RPC]

10. Increase ATC profile in radiation oncology community through presentations at national/international meetings and through publications. [ongoing: goal of at least four publications during next funding period]