

ATC Priority List

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

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

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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)

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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

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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); includes phantoms, credentialing documents and criteria, QA procedures, documents, and criteria, ATC web page/links, and QA database

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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 by 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]