

# **Strategic Planning for ATC Grant Renewal**

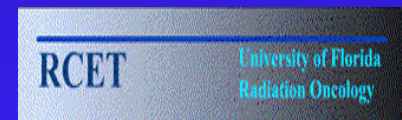
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**RTOG Meeting – Miami, Florida  
January 19, 2006**

**Supported by NIH U24 grant CA81647,  
“Advanced Technology QA Center”**

- ATC dates from April 1992 when 3DQA Center was established at WU-St. Louis to provide QA for RTOG 3DCRT trials.
- Now functions as QA Consortium capitalizing on existing infrastructure and strengths of national QA programs

- Image-Guided Therapy Center (ITC – Washington University in St. Louis and UC Davis)
- Resource Center for Emerging Technologies (RCET – Univ. Florida Gainesville)
- Radiological Physics Center (RPC, M.D. Anderson Cancer Center)
- Radiation Therapy Oncology Group (RTOG)
- Quality Assurance Resource Center (QARC)



- Funding for two AT Centers (3 years)
- Current NIH U24 grant will end June 30, 2007 (5 years).

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# **ATC COORDINATION EFFORTS**

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- **Coordination effort to eliminate duplication of developmental effort and facilitate sharing of QA resources among cooperative groups.**
- **Coordination effort to develop appropriate and uniform QA procedures and criteria for advanced technology trials across all cooperative groups.**

# ATC SERVICE EFFORTS

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- **Assist clinical trial cooperative groups in protocol development**
  - **Credentialing requirements**
  - **Data collection**
  - **Quality assurance procedures**
- **Manage and facilitate**
  - **Credentialing of institutions**
  - **Protocol digital data submission**
  - **QA review of submitted data**
  - **Analysis of treatment planning data**

# **ATC DEVELOPMENTAL EFFORTS**

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- **Electronic data exchange of digital planning data between protocol participating institutions and ATC QA Centers.**
- **Web-based software tools to facilitate protocol digital data submissions and QA reviews by Study Chairs, RTOG Dosimetry Group, RPC, and QARC.**
- **Archival treatment planning & QA databases that can be linked with the cooperative group's clinical outcomes database**

# **Strategic Planning for ATC Grant Renewal**

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- Digital submission protocols will continue to increase
- Increased use of multimodality imaging
- Increased use of IGRT (IGART)
- IHE effort likely to resolve remaining digital data exchange issues
- Industry likely to develop RT PACS (ATC should interface with developers)
- ATC grant emphasis should be on coordination and service roles
- Focus software development on QA and data mining tools (caBIG compliant software)



# **Strategic Planning for ATC Grant Renewal**

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- Establish time line for developing new proposal
- Begin conference calls with subcontractor P.I.s
- QARC renewal in 2006
- RTOG renewal in 2007
- RPC renewal in ?