

RTOG - ATC Year 11 Plan

- Service
 - Continue service work with RPC & ITC in QA process for RTOG protocols utilizing advanced technologies, in particular providing protocol compliance QA (PCQA) review
 - Roll out new tools for protocol review
 - Develop procedures for remote review using new tools
- Coordination/Standards
 - Develop methodology for writing uniform prescriptions for all disease sites and treatment situations
 - Initiate Adaptive Radiation Therapy (ART) Protocols
 - Develop/present to ATC protocol templates for studies using gating or tracking for respiration control

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- New Technologies –Intensity Modulated Arc Therapy (IMAT)
 - Requires recredentialing
- All heterogeneity corrections must be performed with modern calculation algorithms
- Continue developing consensus guidelines for different aspects of protocols (e.g., prescriptions, contouring, SRS)
- Develop guidelines for the use of *dose painting* treatment delivery techniques
- New Technologies – Particle Beams
- Develop Guidelines for Protocol Design