

Update on QRRO-ATC Efforts

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ATC Meeting

March 27, 2008

Saint Louis, MO

QRRO-ATC Project

- Drs. Bosch and Matthews appointed to the QRRO *e-Data Committee* on Feb. 11, 2008.
- QRRO *e-Data Committee* chaired by Christopher Rose, M.D. and Phillip Devlin, M.D. (Vice-Chair)

QRRO Prostate Seed Implant Project

- Summary
 - Gather 150 post-implant prostate seed plans from 15 centers
 - Dose-Volume Analysis
 - Target: V100, V150, D90
 - Rectum: Davg, Dmax
 - Urethra: Davg, Dmax
 - No dose recalculation or seed localization anticipated.

QRRO-ATC Project

- Suggested workflow:
 - Institutions submit brachy seed plan data (CTs, Structures, Doses, Plans) to ITC SFTP server (or on CD media)
 - ITC imports datasets into QuASA²R for DDIQA, including DVH re-calculation (modest effort for brachy seed plans)
 - Referee physician to evaluate / re-contour prostate using RRT
 - Dose-volume statistics calculated using ITC DVH analysis scripts (like those used for RTOG studies)

QRRO-ATC Project Status

- ITC is currently awaiting test datasets from Drs. Devlin's and Rose's institutions which will be processed by ITC and reviewed by Dr. Zelefsky to evaluate effectiveness of ITC tools for data review and analysis
- If adequate, Drs. Wilson, Purdy, and Deye to finalize budget and payment schedule (depends on scope of work)