



## QARC Update

CRA Committee Meeting  
November 13, 2008

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*For CALGB Participants Only*

## Objectives

- What is Radiation Therapy Quality Assurance
- Credentialing (Benchmarks) for C30610
- Electronic RTQA Data Submission

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*Slide 2*

## QARC

Provides:

Radiotherapy Quality Assurance  
Diagnostic Imaging Data Management

For:

NCI Supported Cooperative Groups  
Pharmaceutical Industry

Research program affiliated within the University  
of Massachusetts Medical School.

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## RTQA

- Ensure radiation therapy compliance with protocols through data collection and rapid comprehensive case reviews of target volumes and treatment plans
- Verify that the planned treatment was delivered as intended

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*Slide 4*

## Credentialing (Benchmarks)

- The benchmark is a sample case which is used to evaluate the treatment planning process at each institution
- A benchmark is required for each modality used (3D, IMRT)
- New benchmarks are required when treatment planning systems are changed.

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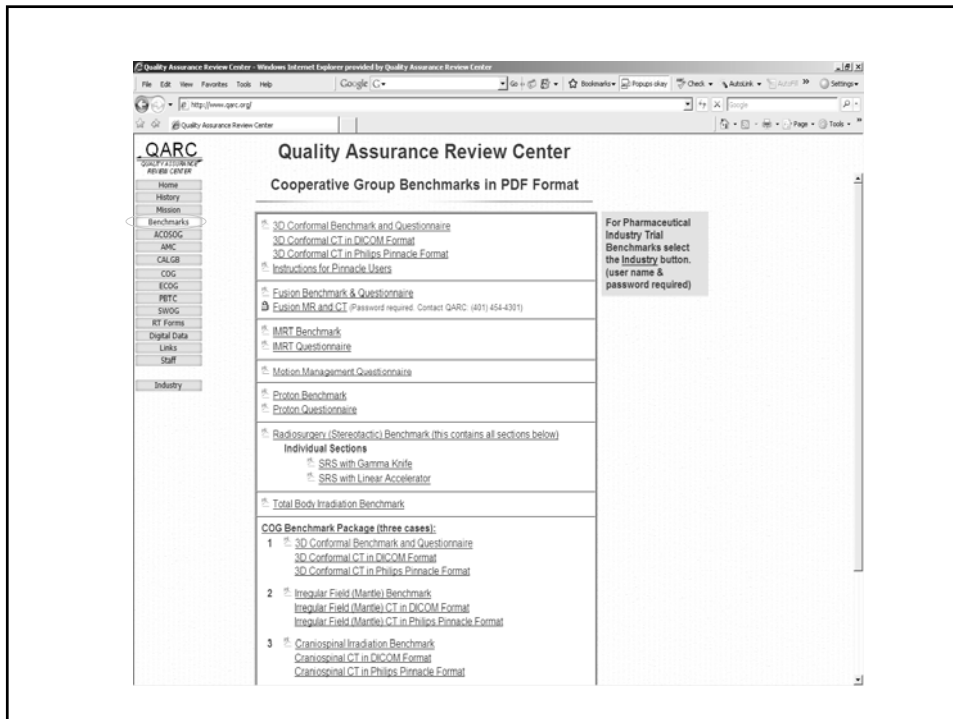
## CALGB 30610 Credentialing Pathways

|    | <i>To use 3D Planning</i>  | <i>To use IMRT Planning</i>  |
|----|--|--|
|    | Prior approval for RTOG 0617<br>( Submit copy of 0617 approval letter to QARC) | Prior approval for RTOG 0617<br>( Submit copy of 0617 approval letter to QARC)   |
| OR | Prior approval for RTOG 0623<br>( Submit copy of 0623 approval letter to QARC) |  |
| OR | Complete QARC 3D Conformal Benchmark   | -Complete QARC IMRT Benchmark<br>-Complete QARC IMRT Questionnaire<br>-Complete QARC Motion Management Questionnaire when motion compensation is utilized            |
| OR |  | -Irradiate RPC's head and neck phantom<br>-Submit IMRT Questionnaire to QARC<br>- Complete QARC Motion Management Questionnaire when motion compensation is utilized |

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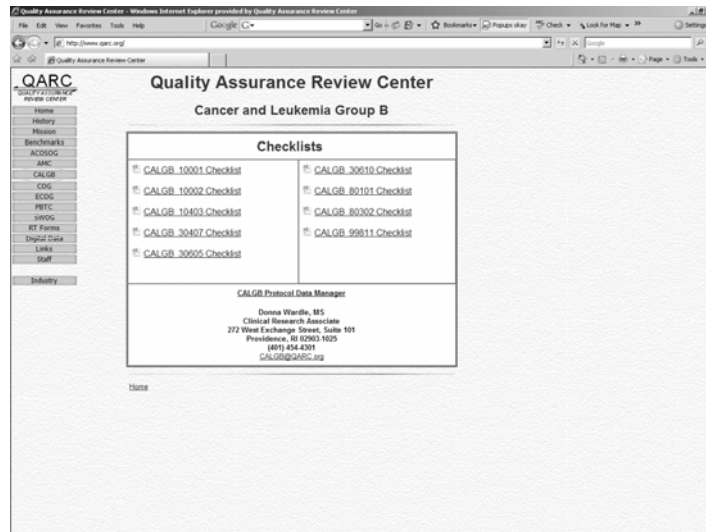
# QARC Website www.qarc.org



# Data Submission www.qarc.org



# RTQA Data Checklists



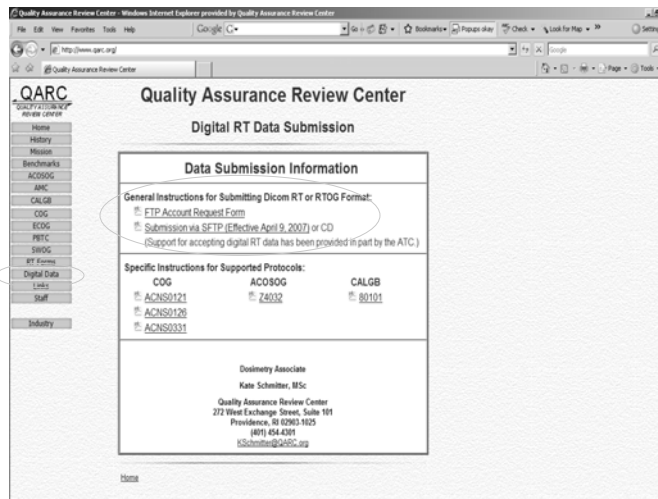
# Digital Data Submission

- On CD sent via rapid courier
  - Diagnostic imaging
  - RT treatment plan
  - Other data as screen shot (jpeg, bmp), pdf files, powerpoint files
- Via sFTP
  - Diagnostic imaging
  - RT treatment plan
  - Other data as screen shots (jpeg, bmp), pdf files, powerpoint files
- Via e-mail to calgb@qarc.org
  - Data as screen shots (jpeg, bmp), pdf files, powerpoint files

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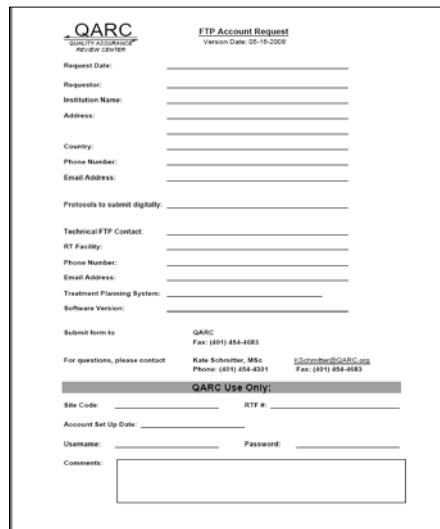
# Digital Submission via sFTP



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# sFTP Account Request Form



The form is titled "QARC sFTP Account Request" and includes the following fields and sections:

- Request Date:** \_\_\_\_\_
- Requestor:** \_\_\_\_\_
- Institution Name:** \_\_\_\_\_
- Address:** \_\_\_\_\_
- Country:** \_\_\_\_\_
- Phone Number:** \_\_\_\_\_
- Email Address:** \_\_\_\_\_
- Protocols to submit digitally:** \_\_\_\_\_
- Technical FTP Contact:** \_\_\_\_\_
- RT Facility:** \_\_\_\_\_
- Phone Number:** \_\_\_\_\_
- Email Address:** \_\_\_\_\_
- Treatment Planning System:** \_\_\_\_\_
- Software Version:** \_\_\_\_\_
- Submit form to:** QARC, Fax: (407) 454-4183
- For questions, please contact:** Kate Schreiber, MBA, Email: [kschreiber@qarc.org](mailto:kschreiber@qarc.org), Phone: (407) 454-4331, Fax: (407) 454-4183
- QARC Use Only:** (shaded header)
- Site Code:** \_\_\_\_\_ **RTF #:** \_\_\_\_\_
- Account Set Up Date:** \_\_\_\_\_
- Username:** \_\_\_\_\_ **Password:** \_\_\_\_\_
- Comments:** \_\_\_\_\_

## Digital Submission via sFTP

- Notify QARC by e-mail that data has been sent [ATCdicomRT@qarc.org](mailto:ATCdicomRT@qarc.org)
- Include patient registration number in notification e-mail and on each piece of data
- Diagnostic imaging should be sent in Dicom format
- DRRs and verification images should be sent as screen capture not as Dicom file

## Questions

- Donna Wardle, Project Associate
  - [dwardle@qarc.org](mailto:dwardle@qarc.org)
  - [calgb@qarc.org](mailto:calgb@qarc.org)
- Nancy Gavitt, Project Assistant
  - [ngavitt@qarc.org](mailto:ngavitt@qarc.org)
  - [calgb@qarc.org](mailto:calgb@qarc.org)

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**Cancer and Leukemia Group B**  
**Fall Group Meeting**  
**2008 Tampa, FL**  
**November 13-16**