




Clinical Trial Credentialing: Where to Start and Resources Available



IROC[™]
IMAGING AND
RADIATION ONCOLOGY CORE
Global Leaders in Clinical Trial Quality Assurance

ACR
AMERICAN COLLEGE OF
RADIOLOGY

AAPM
Andrea Molineu
summer 2017

Acknowledgements

- IROC Grant CA180803
- David Followill, Jessica Lowenstein, Ying Xiao for slide support

So your physician tells you that your group will be participating in clinical trials . . .

- Denial



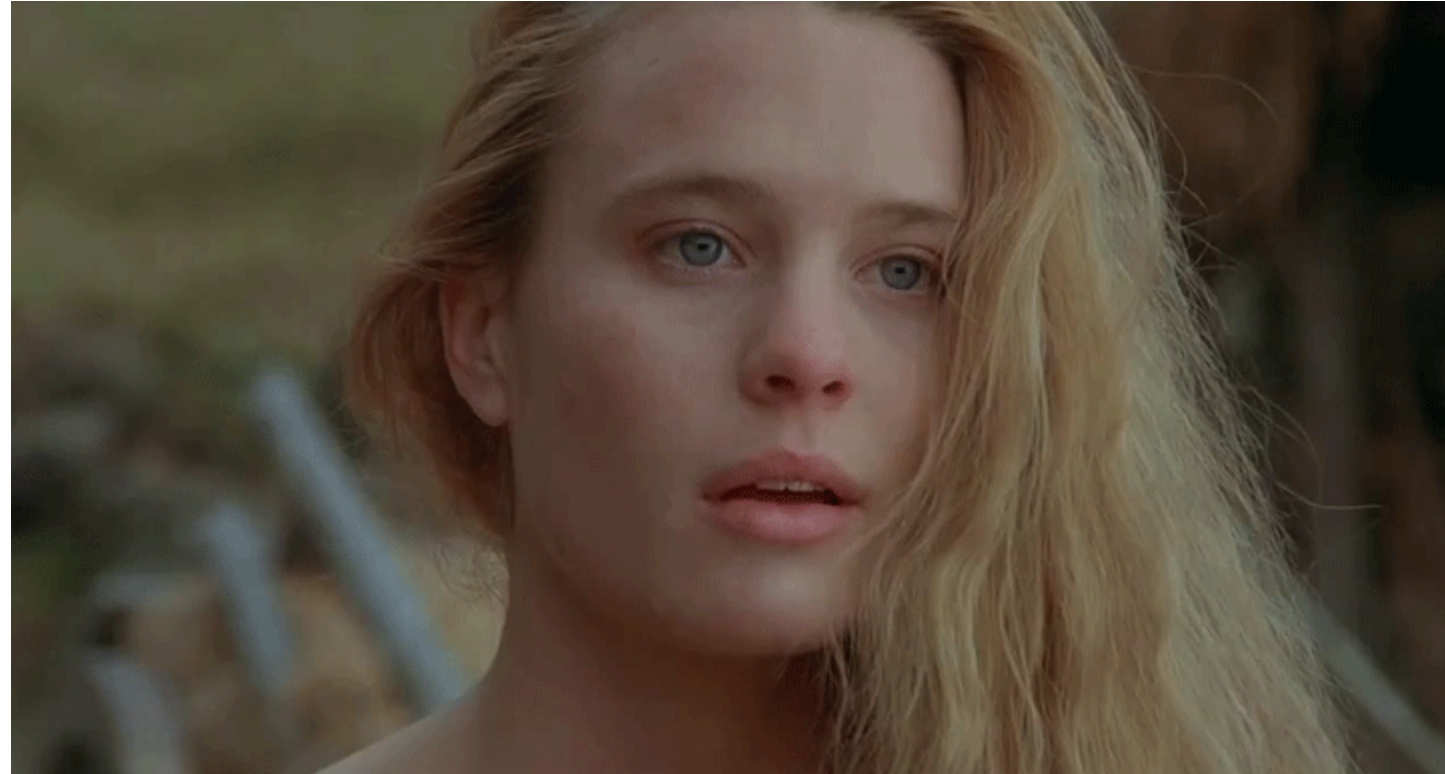
So your physician tells you that your group will be participating in clinical trials . . .

- Anger



So your physician tells you that your group will be participating in clinical trials . . .

- Bargaining



So your physician tells you that your group will be participating in clinical trials . . .

- Depression





Where do I start?

<http://irochouston.mdanderson.org>

IROC Houston Home Page

<http://irochouston.mdanderson.org>

IROC QA Popular Links

- [Credentialing Status Inquiry \(CSI\)](#) [TRIAD Tips & Tricks](#)
- [Phantom Request Form](#) [IROC QA Centers](#)
- [NCTN Structure Name Library](#) [Clinical Trial Reorganization](#)

IROC Announcements

- Heterogeneities:**
Approved Algorithms
- ASTRO Safety Considerations for IMRT**
- IMRT**
ATC Guidelines for the Use ...

Protons in Clinical Trials

- NCI guidelines**
- Proton Approval**
- Proton Approval Site Visit Cost-Sharing Structure for NCI-Sponsored Cooperative Group Clinical Trials**

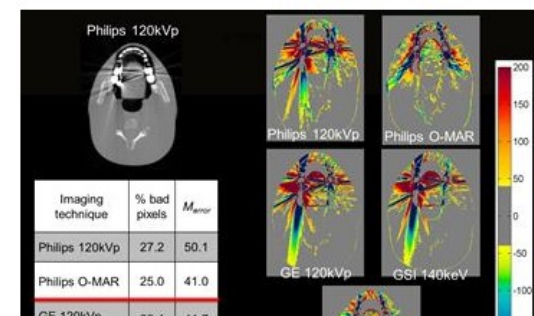
ADCL	MDADL	RDS	EORTC
Zeria / CMIC	Short Courses	US Oncology	

The **ADCL** at M. D. Anderson Cancer Center is fully accredited for external beam and brachytherapy calibrations.

IROC Audits	Brachy Sources	Research/TG-51	Forms
--------------------	-----------------------	-----------------------	--------------

- General Activities**
- TLD Services**
- OSLD Services**
- On-site Audits**
- Patient chart review**
- Clinical Trial Credentialing**
- Anthropomorphic Phantoms**

An Evaluation of Three Commercial Metal Artifact Reduction Methods for CT Simulation in Radiation Therapy Treatment Planning



<http://irochouston.mdanderson.org>



MDAnderson

IROC Houston Quality Assurance Center

Tel: 713-745-8989

[Home](#) [Credentialing](#) [Participating Institutions](#) [New Participant Demographics Form](#) [Facility Questionnaire](#)

IROC QA Popular Links

[Credentialing Status Inquiry \(CSI\)](#) [TRIAD Tips & Tricks](#)

[ADCL](#)

[MDADL](#)

[RDS](#)

[EORTC](#)

[Zeria / CMIC](#)

[Short Courses](#)

[IJS Oncology](#)

Facility Questionnaire

The facility questionnaire is a web form used to collect information for clinical trials. The username and password should have one yet, please contact the host site, IROC Houston at IROCHouston@MDAnderson.org. You can also click on the "Verify" button after verification.

Please complete the form in its entirety and if you are in Houston.

Facility Questionnaire (Demographics and Technical Survey) (Read-Only Mode)

All textboxes are editable. Please review the data below verifying its correctness. If data is missing or changes are required, please make the modifications or additions. Use the appropriate to periodically register your changes. **Please make sure to click the Submit the Facility Questionnaire button at the end of the form to verify that the information is correct to the best of your knowledge and to close out the form.** **Note: Please fill in as much as you can and submit. You can always fill out the rest or make changes at a later time.*

General Institution Information

Institution Name:	<input type="text" value="M D Anderson Cancer Center"/>	RTF#	<input type="text" value="1744"/>
Address	<input type="text" value="Department of Radiation Physics"/>	Last Accessed:	<input type="text" value="Jul-18-2017 10:04-AM"/>
	<input type="text" value="1515 Holcombe"/>	CTEP/NCI Id#:	<input type="text" value="TX035"/>
City	<input type="text" value="Houston"/>	Today's Date	<input type="text" value="26-Jul-2017"/>
State	<input type="text" value="TX"/>	Country	<input type="text" value="USA"/>
Telephone:	<input type="text" value="7135632500"/>	Extension:	<input type="text" value=""/>
Person submitting this form	<input type="text" value="Michael Gillin"/>	Degree:	<input type="text" value="PhD"/>
Email	<input type="text" value="mgillin@mdanderson.org"/>	Phone	<input type="text" value="713 563 2507"/>

If you are participating in the IROC Houston QA program, please confirm the TLD/OSLD and billing address form by clicking the OSL/BILLING button

List the **primary** individuals responsible for general question regarding clinical trials and dosimetry compliance (OSLD/TLD monitoring) for NCI sponsored clinical trials.

	First Name	Last Name		Degree:
Physicist	<input type="text" value="Dr."/>	<input type="text" value="Michael"/>	<input type="text" value="Gillin"/>	<input type="text" value="Ph.D."/>
Email	<input type="text" value="mgillin@mdanderson.org"/>		Phone	<input type="text" value="713-563-2507"/>
Fax	<input type="text" value=""/>			
Research Associate:	<input type="text" value="-"/>	<input type="text" value=""/>	<input type="text" value=""/>	Degree: <input type="text" value=""/>
Email	<input type="text" value=""/>		Phone	<input type="text" value=""/>

Facility Questionnaire (Demographics and Technical Survey) 1000

All textboxes are editable. Please review the data below verifying its correctness. If data is missing or changes are required, please make the modifications or additions. Use the appropriate to periodically regenerate the Facility Questionnaire button at the end of the form to verify that the information

General Institution Information

Institution Name:
 Address:

 City:
 State: Country:
 Telephone: Extension:
 Person submitting this form:
 Email: Phone:
If you are participating in the RPC clinical trial, the TLD OSLD and billing address form

List the **primary** individuals responsible for general question regarding clinical cooperative group

	First Name	Last Name
Physicist	<input type="text" value="Mr."/> <input type="text" value="Bob"/>	<input type="text" value="Duerkes"/>
Email	<input type="text" value="rduerkes@rtsc.com"/>	
Phone	<input type="text" value="941302"/>	
Fax	<input type="text"/>	
Research Associate:	<input type="text"/>	<input type="text"/>
Email	<input type="text"/>	
Phone	<input type="text"/>	
Fax	<input type="text"/>	
Dosimetrist	<input type="text"/>	<input type="text"/>
Email	<input type="text"/>	
Phone	<input type="text"/>	
Fax	<input type="text"/>	
Radiation Oncologist	<input type="text" value="Dr."/> <input type="text" value="Daniel"/>	<input type="text" value="Dosoretz"/>
Email	<input type="text"/>	
Phone	<input type="text"/>	
Fax	<input type="text"/>	

Other Personnel - List any other individuals who will be involved with

Facility Questionnaire (External Beam Planning Resources Form)

RTF Number:
 Vendor(TPC_NO):
 Current Software Version:

Calculation Algorithm:

Brainlab pencil beam
 Helax collapsed cone
 Eclipse AAA
 Pinnacle fast convolve
 XiO superposition or fast superposition

Computer used For:

Is system commissioned for heterogeneity corrections?

Does the system transfer beams to a phantom for QA: No

Installed Date:
 Removed Date (If applicable):

Is your treatment planning system capable of using custom CT number to electron density tables or does your institution use the TPS vendor supplied number?

Custom CT number to electron density tables
 TPS vendor supplied

http://localhost:3722/Forms2/Questionnaires/PlanningResourcesForm.aspx Local intranet

<http://irochouston.mdanderson.org>



MD Anderson

IROC Houston Quality Assurance Center

Tel: 713-745-8989

[Home](#) [Credentialing](#) [Participating Institutions](#) [New Participant Demographics Form](#) [Facility Questionnaire](#)

IROC QA Popular Links

[Credentialing Status Inquiry \(CSI\)](#) [TRIAD Tips & Tricks](#)

[ADCL](#)

[MDADL](#)

[RDS](#)

[EORTC](#)

[Zeria / CMIC](#)

[Short Courses](#)

[US Oncology](#)

IROC Houston Credentialing Page

<http://irochouston.mdanderson.org>

Credentialing

[ACOSOG](#) [ALLIANCE](#) [CALGB](#) [COG](#) [COMS](#) [CTSU](#) [ECOG-ACRIN](#) [GOG](#) [NCCTG](#)
[NRG](#) [NSABP](#) [RTOG](#) [SWOG](#) [Credentialing FAQ](#) [Credentialing Status Inquiry](#)

Many study groups initiate protocols which use new technologies or treatment techniques. They want to ensure that the participating institutions understand the protocol and can treat patients according to protocol stipulations. Therefore, the IROC Houston has been asked on many occasions to develop and implement credentialing processes. Credentialing is or has been done for RTOG, GOG, NCCTG and NSABP. Credentialing involves proving adequate knowledge of the protocol, treatment planning system, and QA procedures. This is done through the use of questionnaires and one or more test cases. The approval may be for an institution, specific personnel, or both.

- Treatment planning system and algorithm for calculation of dose within heterogeneities approved by the RTOG QA group
- If you have any credentialing questions please contact us at IROC-Credentialing@MDAnderson.org.

IROC Houston Credentialing Page

<http://irochouston.mdanderson.org>

Credentialing

[ACOSOG](#) [ALLIANCE](#) [CALGB](#) [COG](#) [COMS](#) [CTSU](#) [ECOG-ACRIN](#) [GOG](#) [NCCTG](#)
[NRG](#) [NSABP](#) [RTOG](#) [SWOG](#) [Credentialing FAQ](#) [Credentialing Status Inquiry](#)

NRG Oncology Group

[Activated protocol list](#) [Closed protocol list](#)

- BN001 - Randomized Phase II Trial of Hypofractionated Dose-Escalated Photon IMRT or Proton Beam Therapy Versus Conventional Photon Irradiation With Concomitant and Adjuvant Temozolamide in Patients With Newly Diagnosed Glioblastoma
[Link to Protocol](#) [Credentialing Requirements](#)
- BN003 - Phase III Trial of Observation Versus Irradiation for a Gross Totally Resected Grade II Meningioma
[Link to Protocol](#) [Credentialing Requirements](#)
- BN005 - A Phase II Trial Randomized Trial of Proton vs. Photon Therapy (IMRT) for Cognitive Preservation in Patients with IDH Mutant, Low to Intermediate Grade Gliomas
[Link to Protocol](#) [Credentialing Requirements](#)
- BR001 - A Phase 1 Study of Stereotactic Body Radiotherapy (SBRT) for the Treatment of Multiple Metastases
[Link to Protocol](#) [Credentialing Requirements](#) [Frequently Asked Questions](#)
- BR002 - A Phase IIR/III Trial of Standard of Care Therapy with or without Stereotactic Body Radiotherapy (SBRT) for Metastatic Melanoma of the Head, Neck, and Thorax

IROC Houston Credentialing Page

<http://irochouston.mdanderson.org>

[Previous page](#) [Back to credentialing](#)

NRG BN001 Requirements

This trial will utilize TRIAD for dosimetry digital treatment data submission. TRIAD is the American College of Radiology's (ACR) image exchange application and it is used by the RTOG. See [here](#) for information on installing TRIAD.

Please fill out the [credentialing status inquiry form](#) to let us know that you would like to be credentialed for this protocol.

In order to complete the **IMRT credentialing** process the following items must be completed:

- All participants are asked to complete the [Facility Questionnaire](#).
- Irradiate the IROC Houston's H&N phantom. Please fill in the [request form](#) online.

In order to complete the **Proton credentialing** process, the following items must be completed:

- All participants must have completed [baseline approval](#) for proton therapy.
- All participants are asked to complete the [Facility Questionnaire](#).
- Irradiate the IROC Houston's head phantom. Please fill in the [request form](#) online.
- Complete the BN001 [Knowledge Assessment](#). Please note, the knowledge assessment is only required for PROTON institution.

In order to complete the scanner qualification for **Advanced Imaging**, the following items must be submitted for qualification review for each scanner to be used:

IROC Houston Credentialing Page

Credentialing

[ACOSOG](#) [ALLIANCE](#) [CALGB](#) [COG](#) [COMS](#) [CTSU](#) [ECOG-ACRIN](#) [GOG](#) [NCCTG](#)
[NRG](#) [NSABP](#) [RTOG](#) [SWOG](#) [Credentialing FAQ](#) [Credentialing Status Inquiry](#)

Many study groups initiate protocols which use new technologies or treatment techniques. They want to ensure that the participating institutions understand the protocol and can treat patients according to protocol stipulations. Therefore, the IROC Houston has been asked on many occasions to develop and implement credentialing processes. Credentialing is or has been done for RTOG, GOG, NCCTG and NSABP. Credentialing involves proving adequate knowledge of the protocol, treatment planning system, and QA procedures. This is done through the use of questionnaires and one or more test cases. The approval may be for an institution, specific personnel, or both.

- Treatment planning system and algorithm for calculation of dose within heterogeneities approved by the RTOG QA group
- If you have any credentialing questions please contact us at IROC-Credentialing@MDAnderson.org.

Credentialing Status Inquiry (CSI) Form

CREDENTIALING FOR PROTOCOLS

This questionnaire will help determine if your institution is credentialed to participate in a protocol. IROC Houston will notify you and the study group of your status. The study group or IROC Houston will inform your institution when it can participate in the requested protocol. If you have any questions, please contact IROC Houston at (713) 745-8989 or IROC-Credentialing@MDAnderson.org

Please note: You will be contacted via email or phone within 2 business days. Once we determine that all requirements are met, a credentialing letter will be issued within 5 business days.

Institution: Study Group Name: **RTOG** ▼

RTF#: (Don't know, click [here](#)) NCI #:

Name of person completing this form:

Please note: You will be contacted via email or phone within 2 business days. Once we determine that all requirements are met, a credentialing letter will be issued within 5 business days.

Are you a: Radiation Oncologist Physicist Dosimetrist Clinic Coordinator

Protocol to be credentialled:

Specify technique: 3DCRT IMRT SBRT Proton Brachytherapy

Treatment planning system to be used for this protocol:

Algorithm to be used for patient plans:

Is your institution planning to use **IGRT** on this protocol, if applicable? Yes No

What is credentialing?

- Verifying an appropriate level of competency and ability to provide a basis for confidence
- Applies to
 - Institutions
 - Specific protocols
 - Radiation Oncologists, Med. Physicists
 - Treatment Planning Systems/algorithms
 - Treatment machine
 - Treatment modality

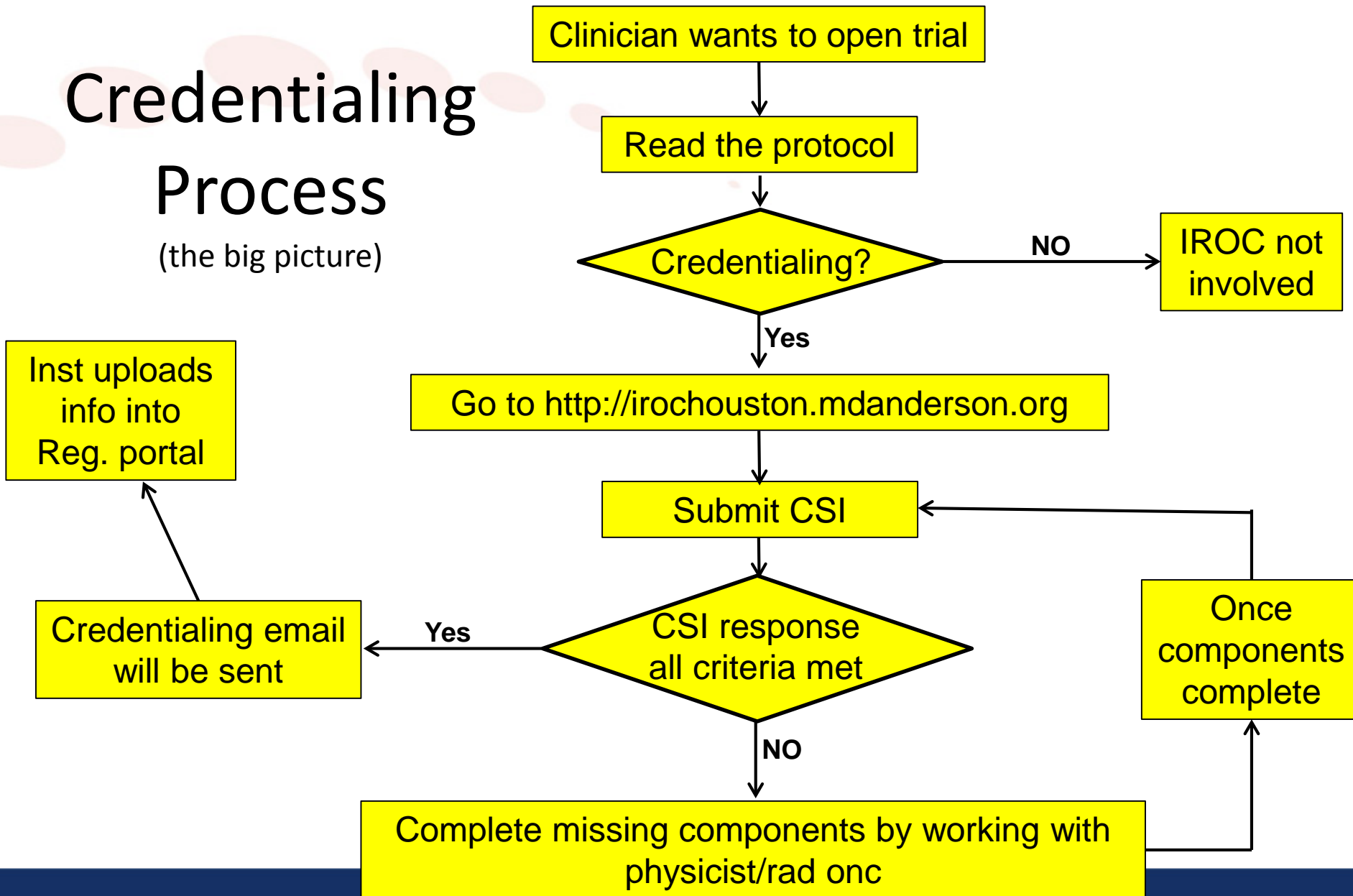
Purpose of Credentialing

- Educate
- Improve understanding of protocol
- Evaluate ability to use new technologies in clinical trials to deliver dose to only the intended treatment site
- Evaluate ability to calculate accurate dose to treatment site
- Evaluate ability to not irradiate critical healthy tissues near tumor
- Improve treatment delivery/patient safety

REDUCE THE NUMBER OF PROTOCOL DEVIATIONS

Credentialing Process

(the big picture)

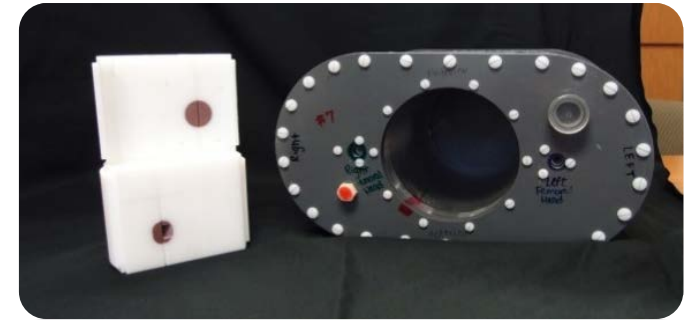


RT Credentialing Requirements	Web Link for Procedures and Instructions: http://irochouston.mdanderson.org			
	Treatment Modality			Key Information
	SBRT	IMRT	Proton	
Facility Questionnaire	X	X	X	The IROC Houston electronic facility questionnaire (FQ) should be completed or updated with the most recent information about your institution. To access this FQ, email irochouston@mdanderson.org to receive your FQ link.
Credentialing Status Inquiry Form	X	X	X	To determine whether your institution needs to complete any further credentialing requirements, please complete the "Credentialing Status Inquiry Form" found under credentialing on the IROC Houston QA Center website (http://irochouston.mdanderson.org)
Knowledge Assessment	N/A	N/A	N/A	
Benchmark Cases	N/A	N/A	N/A	
Phantom Irradiation	X	X	X	A liver phantom study provided by the IROC Houston QA Center must be successfully completed. Instructions for requesting and irradiating the phantom are found on the IROC Houston web site (http://irochouston.mdanderson.org). Note that only the most sophisticated technique needs to be credentialed, e.g., if credentialed for IMRT, 3DCRT may be used. VMAT, Tomotherapy, Cyberknife and proton treatment delivery modalities must be credentialed individually.
IGRT Verification Study	X	X	X	The institution must submit a sample of verification images showing their ability to reproducibly register daily IGRT information with a planning CT dataset (i.e., the GTV falls within the CT simulation defined PTV). The patient ("as if patient") used for this study must have a target (or mock target) in the liver. The information submitted must include 2 IGRT datasets (from 2 treatment fractions) for a single patient and must employ the method(s) that will be used for respiratory control for patients entered from a particular institution (e.g. abdominal compression, breath hold, etc...). This information with a spreadsheet (the spreadsheet is available on the IROC Houston web site, http://irochouston.mdanderson.org)
Pre-Treatment Review	X	X	X	The first patient to be enrolled from each institution will be planned per NRG-GI001 specifications and submitted via TRIAD for evaluation by the IROC Houston QA Center and the trial PI or designee. Feedback will be given to the institution within 3 business days regarding any concerns prior to the patient being treated. Any required treatment plan modifications must be resubmitted for evaluation prior to treatment.
Credentialing Notification Issued to:				
Institution				IROC Houston QA Center will notify the institution and NRG Headquarters that all desired credentialing requirements have been met.

Phantom family



Spine



liver



IMRT H&N



SRS



lung

Phantom Request Form For Protocol

Institution:

RTF No: RTF Number?

Physicist first name:

Physicist last name:

Physicist phone number:

Physicist email:

Physician email to receive the report:

Shipping to:

Address1:

Address2:

City:

State/Province:

Zip Code:

Country:

Is the machine physically located at the address above? Yes No

If "NO",

Address:

Name of Facility:

Is this repeat phantom? Yes No

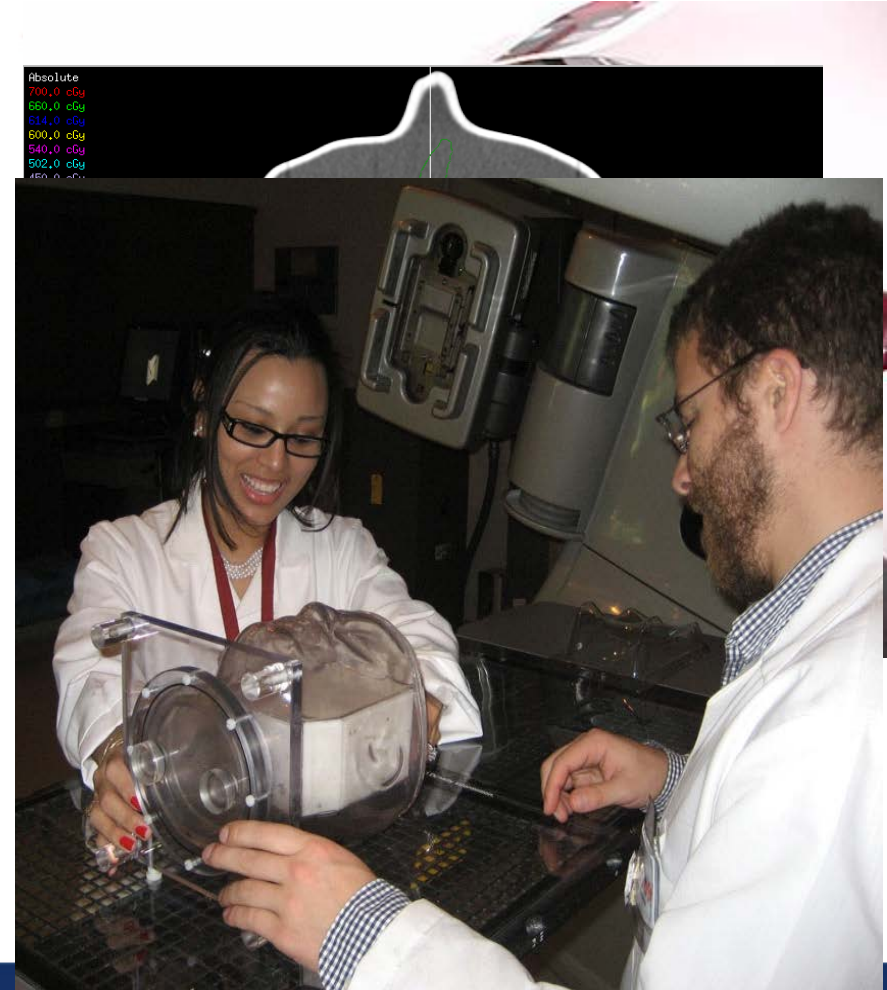
Phantom requested (Please select one):

- | | |
|-------------------------------------|---------------------------------------|
| <input type="radio"/> SRS Head | <input type="radio"/> Proton Brain |
| <input type="radio"/> IMRT H&N | <input type="radio"/> Proton H&N |
| <input type="radio"/> IMRT Thorax | <input type="radio"/> Proton Thorax |
| <input type="radio"/> 3D CRT Thorax | <input type="radio"/> Proton Liver |
| <input type="radio"/> IMRT Spine | <input type="radio"/> Proton Prostate |
| <input type="radio"/> Photon Liver | <input type="radio"/> Proton Spine |

Method to account for respiratory motion (if applicable):

Phantom Credentialing Process

- Request phantom
- Phantom is shipped
- Phantom is imaged
- Treatment plan developed
- Treatment is delivered
- Phantom is returned
- Plan is submitted electronically



Other things to know:

- IRB approval at institution required
- CTEP-IAM account required
- TRIAD for submitting data
- CIRO resources



IRB Approval

- Your site must have IRB approval for the trial to submit cases. If your IRB has expired you will not be able to submit to TRIAD.
- CTSU will need an updated IRB

Rostering and Roles

- What the site user should do
 1. Get a CTEP-IAM account
 2. Set permanent password for CTEP-IAM
 3. Contact their affiliated group to be added to the roster
 4. Contact their CTSU Site Administrator to be assigned the appropriate role
 5. Any staff who will be submitting data **MUST** be listed on the site roster as TRIAD SITE USER



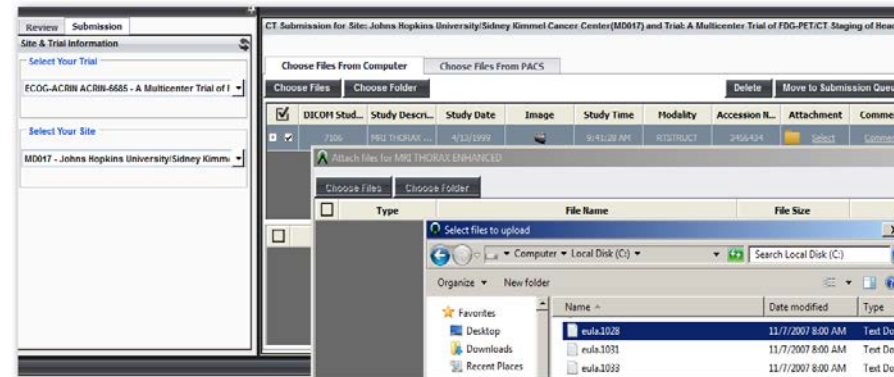
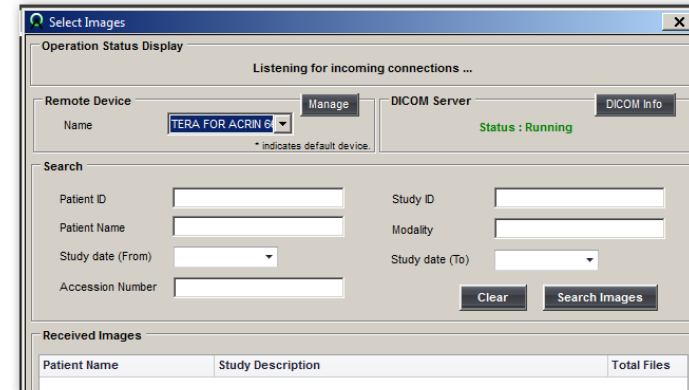
TRIAD

What is TRIAD

TRIAD™ is the American College of Radiology's (ACR's) image and data exchange platform. TRIAD is a standards based open architecture platform that supports HIPAA security rules relevant to Clinical Trials. It automatically de-identifies the DICOM headers and cleans the PHI from the DICOM images before submission via the internet. Access to the application is role-based and controlled by username and password.

How does TRIAD fit into my workflow

- Upload files, search folders from network, local system or CD
- DICOM query/retrieve from local PACS system, workstations, or modalities
- Accept DICOM storage requests from local PACS system, workstations, or modalities
- Attach non-DICOM objects to submissions, such as pdf, jpeg, bitmap, etc.



Never submitted using TRIAD

Basic First Steps

1. Have the Enrolling Site Lead RA and be added to the enrolling site roster as a TRIAD SITE USER
2. For RT submissions the Medical Physicist or Dosimetrist should have this role. For DI the RA or technologist per site protocol
3. If the staff responsible for submitting does NOT have a CTEP IAM log in they need to request one through CTSU

https://www.ctsu.org/public/default_login.aspx

4. Go to the IROC Website for TRIAD installation and software requirements. Staff with Administrative Rights may be needed

<https://www.irocqa.org/Resources/TRIAD>

5. For RT submissions -TRIAD should be installed where the RT Treatment Plan data can be uploaded from .
6. Once installed Select Data to be uploaded . Do NOT submit as a zipped file.

Accessing TRIAD

- Integrated with CTSU log in using CTEP-IAM username and password
- Any staff who will be submitting RT digital data **MUST** be listed on the site roster as TRIAD SITE USER
- The Lead RA must update their roster with the staff members that need to submit via TRIAD on the CTSU website
- NON- RTOG sites need to update their rosters directly through the CTSU helpdesk
- After March 1st RT data for all NSABP, GOG and RTOG (NRG) trials will be submitted via TRIAD

Logon page using the CTEP –IAM interface



Triad Client : Home

File Actions Help

TRIAD Home


Login

Please choose the domain you wish to login

Clinical Trials (ICI Oncology)

Username:

Password:



You are accessing a U.S. Government information system, which includes (1) this computer, (2) this computer network, (3) all computers connected to this network, and (4) all devices and storage media attached to this network or to a computer on this network. This information system is provided for U.S. Government-authorized use only. Unauthorized or improper use of this system may result in disciplinary action, as well as civil and criminal penalties. By using this information system, you understand and consent to the following. You have no reasonable expectation of privacy regarding any communications or data transiting or stored on this information system. At any time, and for any lawful Government purpose, the government may monitor, intercept, record, and search and seize any communication or data transiting or stored on this information system. Any communication or data transiting or stored on this information system may be disclosed or used for any lawful Government purpose.

[Forgot Password?](#) [Reset Password?](#) [Annual Registration](#) [Request New Account](#)

Select the Trial you want to submit, and your site will pre-populate in the next box

The image shows two overlapping screenshots of a web application interface. The left screenshot shows a 'Submission' tab with a 'Site & Trial Information' section. Under 'Select Your Trial', a dropdown menu is open, listing several RTOG trials. The right screenshot shows the same 'Site & Trial Information' section, but now the 'Select Your Trial' dropdown is closed and populated with 'RTOG RTOG-1005 - A Phase III Trial of Accelerate'. Below it, the 'Select Your Site' dropdown is also populated with 'TN143 - Baptist Memorial Hospital for Women'.

Review Submission

Site & Trial Information

Select Your Trial

RTOG RTOG-1005 - A Phase III Trial of Accelerat

RTOG RTOG-1008 - A Randomized Phase II Stu

RTOG RTOG-1016 - Phase III Trial of Radiothera

RTOG RTOG-1106 - Randomized Phase II Trial o

RTOG RTOG-1201 - A Phase II Randomized Tria

RTOG RTOG-1203 - A Randomized Phase III Stu

RTOG RTOG-1205 - Randomized Phase II Trial o

CT Subm

Cho

Choos

Site & Trial Information

Select Your Trial

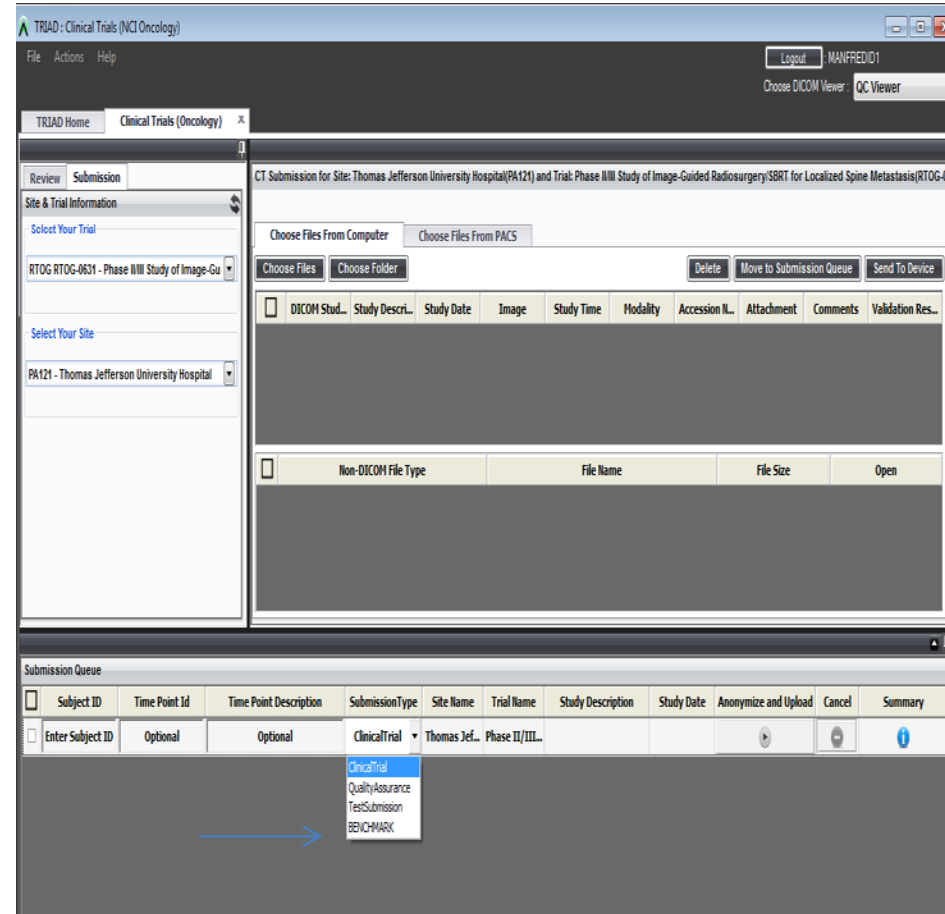
RTOG RTOG-1005 - A Phase III Trial of Accelerate

Select Your Site

TN143 - Baptist Memorial Hospital for Women

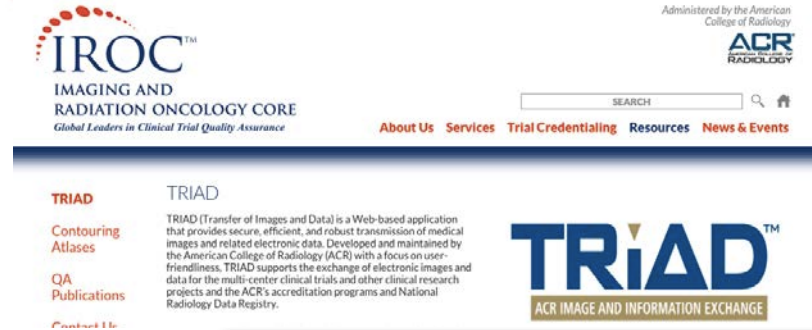
Trials that have RT credentialing

- To submit IGRT and Benchmarks for trials
- Once you select data to import and send submission you can select “Benchmark” to submit.
- Note: the term benchmark will be changing to **RT credentialing**

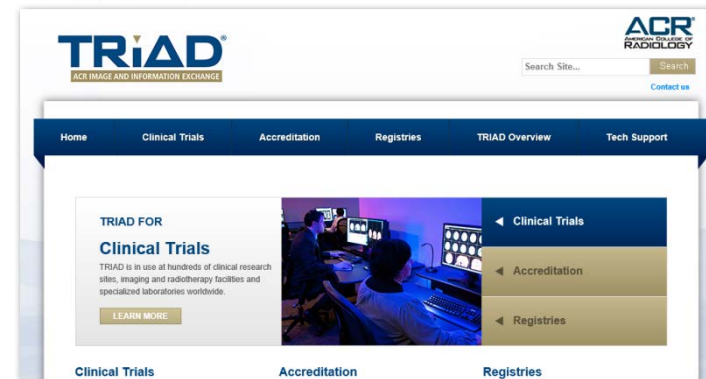


Where to find information on TRIAD

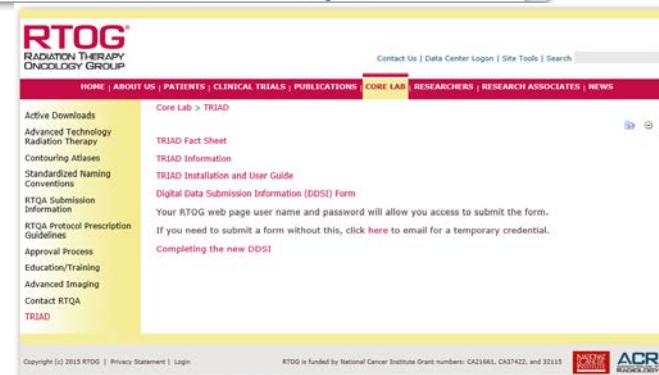
IROC Website



TRIAD Website



RTOG Website



Center for Innovation in Radiation Oncology (CIRO)

- Aim 1: Promote innovative Radiation Therapy research within the entire National Clinical Trials Network
- Aim 2: Foster intergroup collaboration and protocol harmonization in terms of inclusion and description of RT techniques and delivery devices

WEBPAGE

<https://www.nrgoncology.org/Scientific-Program/Center-for-Innovation-in-Radiation-Oncology>

- The CIRO webpage provides several resources for the network such as atlases, protocol templates for RT sections, and applications to facilitate RT data preparation and submission.

The screenshot displays the CIRO webpage with a dark red navigation bar containing links for HOME, ABOUT US, SCIENTIFIC PROGRAM, CLINICAL TRIALS, NURSES & CRAS, PUBLICATIONS, RESOURCES, and NEWS. The main content area is titled "Center for Innovation in Radiation Oncology (CIRO)" and includes a "LEADERSHIP" section with names: Walter J. Curran Jr., MD; Jeffrey M. Michalski, MD; and Ying Xiao, PhD. A "GENERAL INFORMATION" section lists resources such as "NRG Protocol Radiation Therapy Section Template" and "NRG Structure Name Library". A "SOFTWARE TOOLS" section mentions "Eclipse Scripting API Source & App". A sidebar on the left lists various committees and atlases, including "Contouring Atlases, Templates & Tools" for Brain, Breast, Gastrointestinal, Genitourinary, Gynecologic, Head and Neck, Lung, and Other. The CIRO logo is visible in the top right of the page content.

Radiation Therapy Section Templates

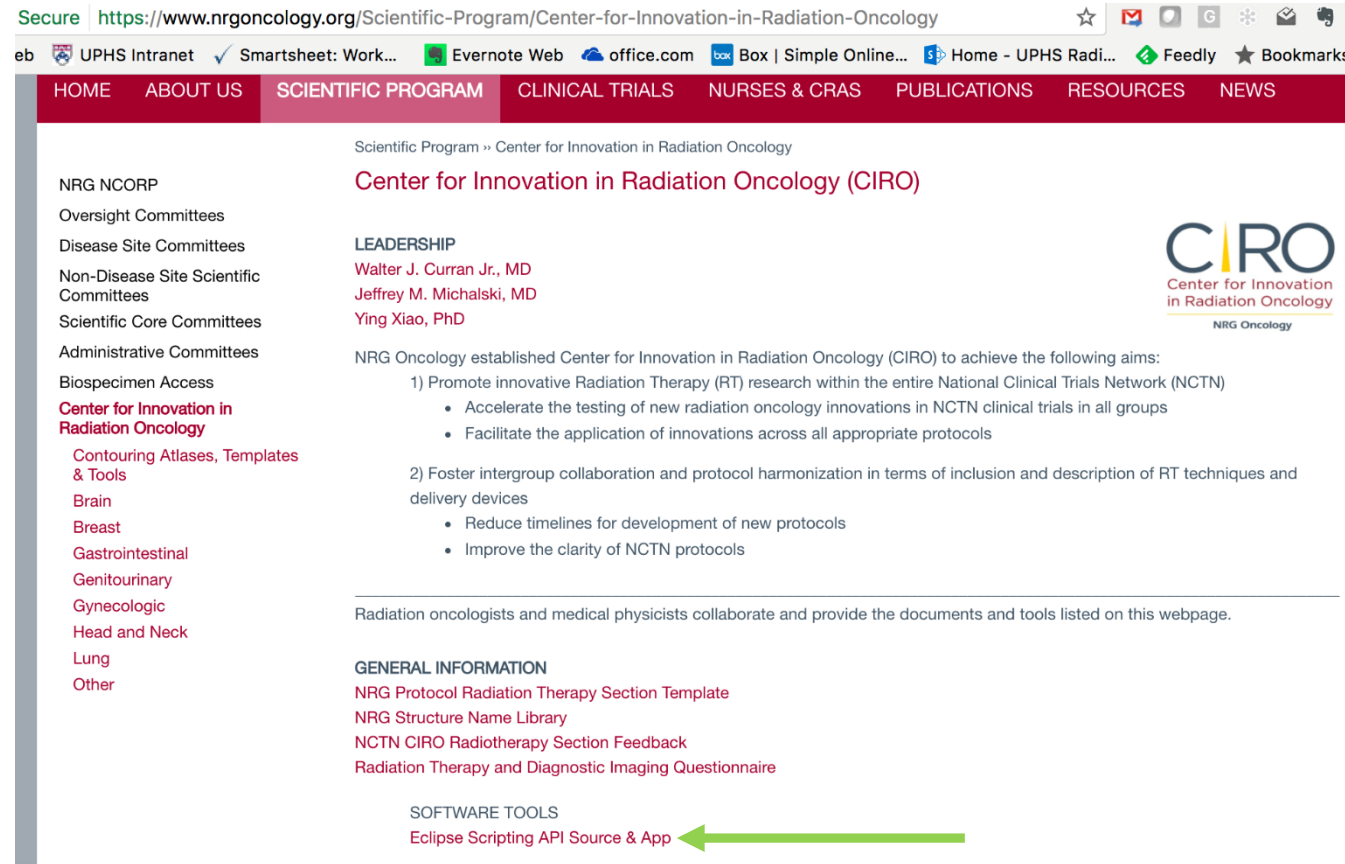
- Templates for each disease site
 - <https://www.nrgoncology.org/ciro-contouring-atlases-templates-and-tools>
 - Example links: Templates for Head and Neck
 - Including H&N Atlas Link
 - Including NRG Protocol Radiation Therapy Template (including Proton and Photon)
- [Contouring Atlases, Templates & Tools](#)

HEAD & NECK

- [Head and Neck Atlas Link](#)
- [NRG Protocol Radiation Therapy Section Template \(includes Proton and Photon\)](#)
- [HN001: DVA Spreadsheet; Eclipse Templates; MiMsoftware Scripts/Templates](#)
- [HN003: DVH Evaluation spreadsheet; Eclipse Templates; MiMsoftware Scripts/Templates](#)

Plan evaluation

Eclipse Plan Evaluation Scripts



Secure | <https://www.nrgoncology.org/Scientific-Program/Center-for-Innovation-in-Radiation-Oncology>


UPHS Intranet | Smartsheet: Work... | Evernote Web | office.com | Box | Simple Online... | Home - UPHS Radi... | Feedly | Bookmarks

HOME ABOUT US **SCIENTIFIC PROGRAM** CLINICAL TRIALS NURSES & CRAS PUBLICATIONS RESOURCES NEWS

Scientific Program » Center for Innovation in Radiation Oncology

Center for Innovation in Radiation Oncology (CIRO)

LEADERSHIP
Walter J. Curran Jr., MD
Jeffrey M. Michalski, MD
Ying Xiao, PhD



NRG Oncology established Center for Innovation in Radiation Oncology (CIRO) to achieve the following aims:

- 1) Promote innovative Radiation Therapy (RT) research within the entire National Clinical Trials Network (NCTN)
 - Accelerate the testing of new radiation oncology innovations in NCTN clinical trials in all groups
 - Facilitate the application of innovations across all appropriate protocols
- 2) Foster intergroup collaboration and protocol harmonization in terms of inclusion and description of RT techniques and delivery devices
 - Reduce timelines for development of new protocols
 - Improve the clarity of NCTN protocols

Radiation oncologists and medical physicists collaborate and provide the documents and tools listed on this webpage.

GENERAL INFORMATION
[NRG Protocol Radiation Therapy Section Template](#)
[NRG Structure Name Library](#)
[NCTN CIRO Radiotherapy Section Feedback](#)
[Radiation Therapy and Diagnostic Imaging Questionnaire](#)

SOFTWARE TOOLS
[Eclipse Scripting API Source & App](#) ←

Brain Site Example

The screenshot shows a web browser window with the URL <https://www.nrgoncology.org/ciro-brain>. The browser's address bar and tabs are visible at the top. The website header includes the NRG ONCOLOGY logo and the tagline "Advancing Research. Improving Lives.™". A navigation menu is located below the logo, with "SCIENTIFIC PROGRAM" highlighted. The main content area displays the breadcrumb "Scientific Program » Center for Innovation in Radiation Oncology » Brain" and the title "Contouring Atlases, Templates & Tools". A list of links is provided under the heading "BRAIN".

NRG ONCOLOGY
Advancing Research. Improving Lives.™

HOME ABOUT US **SCIENTIFIC PROGRAM** CLINICAL TRIALS NURSES & CRAS PUBLICATIONS RESOURCES NEWS

Scientific Program » Center for Innovation in Radiation Oncology » Brain

Contouring Atlases, Templates & Tools

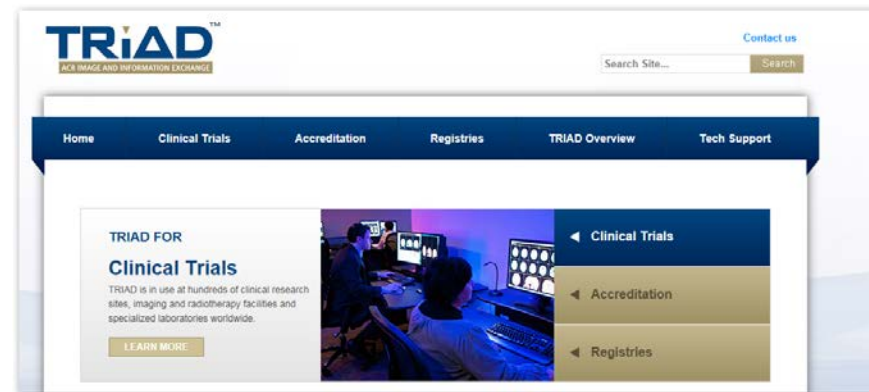
BRAIN

- Hippocampal Sparing Atlas Link
- NRG Protocol Radiation Therapy Template (Brain Photon vs proton therapy)
- NRG Protocol Radiation Therapy Section Template (SRS)
- BN001: DVH Evaluation spreadsheet; Eclipse Templates; MiMsoftware Scripts/Templates

NRG NCORP
Oversight Committees
Disease Site Committees
Non-Disease Site Scientific Committees
Scientific Core Committees
Administrative Committees
Biospecimen Bank
Center for Innovation in Radiation Oncology
Contouring Atlases, Templates & Tools
Brain
Breast
Gastrointestinal
Genitourinary
Gynecologic
Head and Neck
Lung
Other

TRIAD Resources

- Resources
 - TRIAD Support help desk hotline: 215-940-8820 / 703-390-9858
 - TRIAD Support email: TRIAD-Support@acr.org
 - TRIAD Website: <http://triadhelp.acr.org/>
 - TRIAD FAQs: <https://cr-ctsut4-web.acr.org/TriadWeb/Common/Support.aspx>



CTSU Resources

- Resources
 - CTSU Help Desk: ctsucontact@westat.com
or 1-888-691-8039
 - CTEP Registration: ctepreghelp@ctep.nci.nih.gov
or 703-738-9171
 - CTEP-IAM website: <https://eapps-ctep.nci.nih.gov/iam/index.jsp>
 - CTSU website: www.ctsu.org
 - TRIAD Help Sheet
 - CTEP-IAM Fact Sheet

IROC Resources

Resources

- **IROC Houston**
713-745-8989 / fax 713-745-1364
irochouston@mdanderson.org
- **IROC Ohio**
614-293-2929 / fax 614-293-9275
help@irocohoio.org
- **IROC Philadelphia-Diagnostic Imaging (DI)**
215-940-8820 / fax 215-923-1737
irocphila-di@acr.org
- **IROC Philadelphia-Radiation Therapy (RT)**
215-574-3219 / fax 215-923-1737
irocphila-rt@acr.org
- **IROC Rhode Island**
401-753-7600 / fax 401-753-7601
irocri@qarc.org
- **IROC St. Louis**
314-747-5415 / fax 314-747-5423
irocstl@radonc.wustl.edu

I can do this all day!

- Acceptance

