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ACR Radiation Oncology Practice Accreditation (ROPA)

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This talk provides you information on the **ACR Radiation Oncology Practice Accreditation Program (ROPA)** and how you prepare for the site survey.



Overview of ROPA




Accreditation Process



Issues & Resolutions


Disclosures: No financial relationship or potential conflicts of interest with ACR



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BACKGROUND

- Historically
- ACR was founded in 1923
 - ROPA was established **1986**
 - > 30 year track record
 - Extension of Patterns of Care Studies
 - Sponsored
 - NCI
 - ACR



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ACR nationally recognized accreditation programs




ACR ROPA is 1 of 11 Accrediting programs
ACR ROPA is a voluntary process and ACR has recommended to Legislators mandatory accreditation of all facilities



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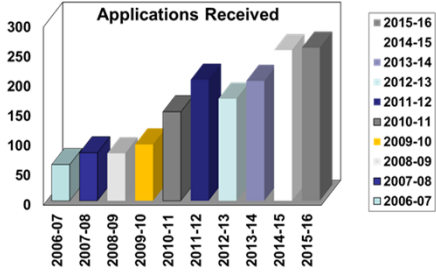
WHO IS ACCREDITED?

- As of July 24, 2018
 - 708 Facilities are Accredited
 - 37 Facilities are under Review
 - “Under Review”
 - Deferred/submitted corrective action
 - Site visit has not yet been completed
 - Final report unwritten




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ROPA Program Growth 2006 – 2016



Year	Applications Received
2006-07	~75
2007-08	~100
2008-09	~110
2009-10	~130
2010-11	~170
2011-12	~230
2012-13	~190
2013-14	~210
2014-15	~240
2015-16	~260



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ROPA in the United States

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Why is Accreditation Important?

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What is Accreditation?

- Radiation Oncology process that evaluates;
 - Facility Environment
 - Personnel
 - Equipment
 - QA & QC
 - Peer Review
 - Safety
 - Patient
 - Staff
 - Policies and Procedures

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Radiation Oncology: Radiation Therapy

- ACR Practice Parameter for the Performance of Therapy with Unsealed Radionuclide Sources Res. 49 - 2015
- ACR-ASTRO Practice Parameter for Radiation Oncology CSC/BOC 2014
- ACR Practice Parameter for 3D External Beam Radiation Planning and Conformal Therapy Res. 39 - 2016
- ACR-ABS Practice Parameter for the Performance of Radionuclide-Based High-Dose-Rate Brachytherapy Revised 2015 (CSC/BOC)
- ACR-ABS Practice Parameter for the Performance of Low-Dose-Rate Brachytherapy Revised 2015 (CSC/BOC)
- ACR-ASTRO Practice Parameter for Image-Guided Radiation Therapy (IGRT) CSC/BOC 2014
- ACR Practice Parameter for Intensity Modulated Radiation Therapy (IMRT) Res. 40 - 2016
- ACR-ASTRO Practice Parameter for the Performance of Proton Beam Radiation Therapy Amended 2014 (Resolution 39)
- ACR-ABS Practice Parameter for Transperineal Permanent Brachytherapy of Prostate Cancer Revised 2015 (CSC/BOC)
- ACR Practice Parameter for the Performance of Brain Stereotactic Radiosurgery Res. 41 - 2016
- ACR-SIR Practice Parameter for Radioembolization with Microsphere Brachytherapy Device (RMBD) for Treatment of Liver Malignancies Res. 17 - 2014
- ACR-ASTRO Practice Parameter for the Performance of Stereotactic Body Radiation Therapy CSC/BOC 2014
- ACR-ASTRO Practice Parameter for the Performance of Total Body Irradiation CSC/BOC 2017
- ACR-SNM Technical Standard for Diagnostic Procedures Using Radiopharmaceuticals Res. 27 - 2016
- ACR-AAFM Technical Standard for the Performance of Radiation Oncology Physics for External Beam Therapy Res. 52 - 2015
- ACR Technical Standard for Medical Physics Performance Monitoring of Image-Guided Radiation Therapy (IGRT) Res. 36 - 2014
- ACR-AAFM Technical Standard for the Performance of Low-Dose-Rate Brachytherapy Physics Res. 51 - 2015
- ACR-AAFM Technical Standard for the Performance of High-Dose-Rate Brachytherapy Physics Res. 50 - 2015
- ACR-ABS Practice Parameter for Electronically generated, Low-energy radiation Sources (LSE) CSC/BOC 2016

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ACR Radiation Oncology Practice Accreditation Program

- New applications
 - Provide available dates 3 months after submitting application
 - Final Report provided an average 4-6 weeks
- Renewals
 - Begin application 9 months to a year
 - Submit 3-6 months before accreditation expires

Two Parts to an On-site Survey

- Medical Components
- Physics Components

WHAT IS INVOLVED IN A SURVEY?

Surveyor's Log-in Home Screen



Everything is web-based, very GREEN!

On-site Process

- Single Site Visit is one day
- Radiation Oncologist/Radiation Oncology Physicist
 - Radiation Therapist (as needed)
- Meet with Medical Director and key personnel for initial and exit interviews
- Tour the facility and check the physical landscape
- Review 10 selected charts and enter information, notes on electronic data collection form
- * We ask that facility designate 1 or 2 staff to provide assistance during survey (EMR, login issues, locating charts/plans/images in facility's records)

During the Survey

- Physicist surveyor will interview the Chief Physicist
- Review policies and procedures
- Verify staffing and equipment

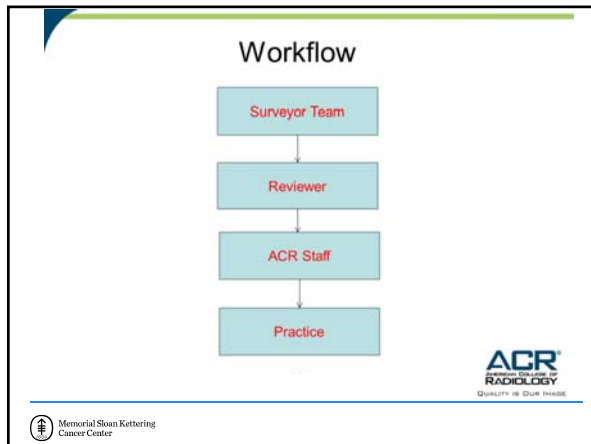
- ### Physicist Interview Forms
- Instrumentation
 - Simulation/Treatment Machine/Quality Assurance
 - Treatment Planning (External and Brachy)
 - General Quality Assurance
 - Chart and Physics Documentation
 - Policy and Procedures Documentation
 - QA and CQI Documents
 - Modalities
 - IMRT
 - SBRT
 - SRS
 - Proton
 - LDR
 - HDR
 - Seed Implant

Staffing/Resources Table for final report

	ALL ACCREDITED FACILITIES	ACADEMIC / CCC	H1	H2	H3	F1	F2	F3
New patients/ radiation oncologist	205	156	278	215	140	203	238	160
New patients/ Physicist	265	174	273	257	246	277	321	256
New patients/ FTE dosimetrist	273	265	346	275	196	318	301	211
New patients/ FTE therapist	74	65	90	73	56	70	81	75
FTE therapist/ Rx machine	3.1	4.1	3.6	3.1	2.6	3.4	3.1	2.2
New patients/ Rx machines	215	222	305	222	133	236	245	143



- ### Common Issues Found
- Prescription incomplete (EBRT & Brachy)
 - Treatment planning QA
 - CT simulator QA
 - IMRT patient-specific QA constraints
 - Periodic checks for patient setup equipment
 - Barometer/thermometer calibration
 - P&P annual review not updated
 - Missing signatures on SRS/SBRT, QA, etc.
 - Weeklies/EOT missing or > 7 days
 - KV/MV iso coincidence check
 - Physics peer-to-peer review or external audit
 - Daily morning check for one angle of EDW (TG-142)...



- ### ACR ROPA Committee
- Christopher Pope, M.D., ROPA Chair
 - Seth Rosenthal, MD, FACR, RO Commission Chair
 - Matthew Pacella, M.S., FACR ROPA Physics Subcommittee Chair
 - ACR Staff:
 - Brian Monzon, MBA, RT(T)(R)
 - Melody Blake, BS, RT (R)(T)
 - Shannon Rexrode M.Ed., RT(T)
 - Mike Ray, ACR Associate
 - Alan Hartford, M.D., FACR (Guidelines and Standards Representative)-Liaison
 - Shannon Fogh, M.D.
 - Michael Haas, M.D.
 - Michael Seider, M.D., Ph.D., FACR
 - Rena Zimmerman, M.D.
 - Join Y. Luh, M.D.
 - Indra Das, Ph.D., FACR
 - Tariq Mian, Ph.D., FACR
 - Jennifer Johnson, M.S., M.B.A.
 - Debbie Schofield, M.S.
 - Niko Papanikolaou, Ph.D.
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In summary, ACR accreditation demonstrates commitment on the facility to meeting the highest standards in the field of radiation oncology.

- Program requirements:
 - Radiation Oncology Parameters
 - Medical Physics Technical Standards
 - <https://ropa.acr.org>
- Contacts:
 - 800-770-0145
 - rad-onc-accred@acr.org

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