PHYSICS ASSOCIATES' MAMMOGRAPHY C.V. PACKAGE

Lee S. Anthony, Jr.
Physics Associates
5346 Peters Creek Road
Roanoke, VA 24019

Dear Mr. Anthony:

After reviewing your credentials, the Division has determined that you meet the alternative initial qualifications for medical physicists described in 21 CFR 900.12(a)(3)(ii) of the final Mammography Quality Standards Act regulations, which became effective on April 28. 1999.

If you have any further questions on this, please contact Dr. Roger Burkhart of my staff at 301-594-3303.

Sincerely yours,

John L. McCrohan, M.S.

Director

Division of Mammography Quality

and Radiation Programs

Office of Health and Industry Programs
Center for Devices and Radiological Health

ATTESTATION FORM

Regarding Requirements of the Mammography Quality Standards Act

Attestation must include as much of the following information as possible:

Name of the institution/facility where the applicable training or mammography reading/interpreting, or other activity, took place; name of the course(s) or training (where applicable); the attendance, reading/interpreting, or other activity dates; and the supervising/responsible person (where applicable) for the institution/facility. Please provide these details in the space below. Attach additional sheets if necessary.

Lee S. Anthony, Jr. attest that, to the best of my knowledge and my	
belief, the following information provided in this declaration is true and correct. I	
understand that FDA may request additional information to substantiate the	
statements make in this declaration:	
The sheet titled Training and Experience of Lee S. Anthony, Jr. In Digital Mammography (with dates from 1995 to 2004) and the August 2002	
MTMI certificate, should be used to document my initial 8 hours of training in digital mammography.	
craining in digital mammography.	
•	
I understand that knowingly providing false information in a matter within the jurisdiction of an agency of the United States could result in criminal liability, punishable by up to \$10,000 fine and imprisonment of up to five years, or civil	
jurisdiction of an agency of the United States could result in criminal liability, punishable by up to \$10,000 fine and imprisonment of up to five years, or civil	
jurisdiction of an agency of the United States could result in criminal liability, punishable by up to \$10,000 fine and imprisonment of up to five years, or civil liability under the MOSA, or both	
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jurisdiction of an agency of the United States could result in criminal liability, punishable by up to \$10,000 fine and imprisonment of up to five years, or civil liability under the MQSA, or both Attestor's Signature and Title June 21, 2021	
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jurisdiction of an agency of the United States could result in criminal liability, punishable by up to \$10,000 fine and imprisonment of up to five years, or civil liability under the MQSA, or both Attestor's Signature and Title June 21, 2021 Date signed Facility Name and Address (if applicable) (including zip code): Physics Associates 5346 Peters Creek Road	

TRAINING AND EXPERIENCE OF LEE S. ANTHONY, Jr. IN DIGITAL MAMMOGRAPHY

Hours 1	<u>Date</u> June 24, 1995	<u>Title</u> Lecture by Martin Yaffe on Digital Mammography
2.75	Sept. 20 & 21, 1996	Session #4 of Mammography and MQSA: The Physicists Role. Entitled: Full Field Digital Mammography
1	Sept. 20 & 21, 1996	Survey Workshop on Digital Stereotactic Mammography Unit
1	Sept. 24 & 25, 1999	Overview of Dectector Technologies and Acceptance Testing and Q.A. Control
0.75	Sept. 24 & 25, 1999	Clinic Motivation for Digital Mammography
0.75	Sept. 24 & 25, 1999	New Techniques Utilizing Digital Technology
0.5	Sept. 24 & 25, 1999	Digital Mammography Workstation Designs
0.25	Sept. 24 & 25, 1999	Stereotactic Breast Biopsy: Imaging Geometry, Detector Design, Advance in Reconstruction
1	Sept. 24 & 25, 1999	Physics Testing of Stereotactic Mammography Equipment
6.0	May 9-10, 2002	The 6 th Annual Seminar on the Physics of Mammography
12.0	August 23 & 24, 2002	The Physics of Mammography "Hands-On Workshop for Surveying Digital Mammography Units
7.0	October 2-3, 2004	The Physics of Mammography 2004

In addition, Lee S. Anthony, Jr. has had experience surveying five digital stereotactic mammographic units at facilities which are clients of Physics Associates.



THIS CERTIFIES THAT:

LEE ANTHONY JR

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:

28TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS

November 2-3, 2024

Stereotactic (3 hrs) and Future Directions in Mammographic Imaging (3 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation This seminar provides 16.68 hrs of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be awarded from CAMPEP are 16.68. Course hours may be subdivided into DBT (9.68 hrs), of hours not exceed 9.68. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE Senoclaire DBT System, Siemens Mammomat inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT.

This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 18.50 Category A ASRT#:WIZ01340097 Expiration Date 3-1-2025

Brenda Deacheni
Brenda DeBastiani, MBA, CRA, FAHRA, RT(R)
MTMI President

MTMi 10361 Innovation Drive, STE 400 Wauwatosa, WI 53226



THIS CERTIFIES THAT: LEE ANTHONY JR

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:

26TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS

October 22-23, 2022

This seminar provides 16.34 hrs of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be warded from CAMPEP are 16.34. Course hours may be subdivided into DBT (11 hrs), Stereotactic (4.7 hrs) and Futur Directions in Mammographic Imaging (0.5 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation of hours not exceed 11. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE Senoclaire DBT System, Siemens Mammomat inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT. This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 19.25 Category A. ASRT#:WIZ01320033 Expiration Date 2-1-2023.

Jay Mazurowski, MS, CRA, FAHR MTMI President MTMI 10361 Innovation Drive, STE 400 Wauwatosa, WI 53226









LEE S. ANTHONY JR.

THIS CERTIFIES THAT.

Medical Technology Management Institute

This course provides 12 hours of continuing education in the surveying of digital mammography units in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900).

G. L. Barnes M.D.

Co-Directors: Jerry Thomas, M.S.,DABR,CHP, DABSNM J. Ed Barnes, Ph.D.,FACR

P.O. Box 26337 Milwaukee, Wisconsin 53226

(414)774-2233

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HEALTH
Office of Radiological Health

This is to acknowledge that

LEE S. ANTHONY, JR.

License Number: RH-134-99-04

PHYSICS ASSOCIATES

5346 PETERS CREEK ROAD, NW, SUITE A3, ROANOKE, VA 24019

has been approved to conduct the following type(s) of inspections within the Commonwealth of Virginia

Diagnostic, Mammography, Non Medical & Shielding Design

Date Issued: 7/19/2023

Expiration Date: 8/1/2026

Director, Division of X-ray Programs

Holsey Held

NOTICE OF REGISTRATION

LEE S. ANTHONY, JR

5346 PETERS CREEK ROAD, N.W. ROANOKE, VA 24019

Registration Number 806014

1/9/2027
Registration Expiration

Shielding Design
General Health Physics Consultant
MQSA Medical Physicist
Radiation Machine Evaluation

West Virginia Department of Health and Human Resources
Bureau for Public Health
Office of Environmental Health Services
Radiological Health Program
[64-CSR-23]

Activities conducted under the authority of this registration must comply with the Radiological Health Rule, West Virginia Code of State Regulations, Title 64, Series 23

Juson: I rame

Jason Frame, Director Office of Environmental Health Services

CABINET FOR HEALTH AND FAMILY SERVICES

Commonwealth

EXPIRATION DATE: 1/31/2025

0

CERTIFICATE NO: 803110

of Rentucky

RADIATION HEALTH PHYSICIST CONSULTANT

QUALIFICATIONS F G

Lee S. Anthony, Jr. Physics Associates 5346 Peters Creek Rd. Roanoke VA 24019 Division Director, Rebecca Gillis Division of Public Health Protection and Safety

> Eric C. Friedlander, Secretary Cabinet for Health & Family Services



PHYSICS ASSOCIATES, LLC

Lee S. Anthony, Ph.D.
Certified Health Physicist
Certified Medical Physicist
Certified Radiological Physicist
Jason C. Mace, M.S.

5346 Peters Creek Road Roanoke, Virginia 24019 Tel: (540) 563-0165 Fax: (540) 563-0082 LSAPA@aol.com www.physicsassociates.org Lee S. Anthony, Jr., B.S., M.A.
Kay A. Saul, B.S.
Dan L. White, A.A.S
L. Jeff Rakes, B.S., R.T.
Terry L. Francisco, Admin. Assist.

To Whom it May Concern:

On January 31, 2016, during MTMI's 19th Annual Update for Physicists, Dr. Razvan Jorache of G.E., lectured on the "unique features" of the SenoClaire Breast Tomosynthesis unit. This lecture included how to perform the physicist's Q.C. on the above unit. My first inspection on a SenoClaire unit was on April 15, 2015. During the entire inspection on this unit, the G.E. service engineer/installer was on-site offering guidance and assistance.

In addition, training on the unique features of the G.E. DBT unit was also received during MTMI's 20th Annual Update for Physicists.

Lee S. Anthony, Jr., B.S. M.A.

Lee S. Anthony, Jr., B.S., M.A. Health Physicist

Completed 6 hours of Hologic's product training in accordance with MQSA guidelines for Digital Mammography Systems. Dimensions (with tomosynthesis option), Installation and Acceptance Training.

Date: May 23, 2014

Location: Augusta Health, Fishersville, VA

Instructor/Installation Service Engineer: Robert Whitver

Lee S. Anthony, Jr., Health Physicist was trained at Bath County Community Hospital on the 12th day of September, 2014, on the The Installation Evaluation and physics tests required by the QC manual were covered. The above training of Lee S. Anthony, Jr. on September 12, 2014 was for 6 hours. Mr. Shawn Croes was the Siemens Supervising Installation Service Engineer. Everything was completed and tested satisfactory. Siemens inspiration Mammography unit. To whom it may concern:

Medical Physicist Qualification Form

Medical Physicists conducting surveys for a mammography facility seeking ACR Accreditation (including locum tenens and parttime) must complete and sign this form within one year of the most recent medical physicist's Annual Survey report, verifying they meet FDA MQSA requirements. Incomplete, out of date or inaccurate forms may delay the facility's accreditation. Original, electronic or faxed signatures are required and legally binding for this document. Stamped signatures are not acceptable. Please leave a copy with your facility when performing the survey.

	Last Mama		First Name	Ballintonia (m. 1841)		Danne				
	Last Name			Middle Initial		Degree				
	Anthony		Lee	S.		B.S., M.A.				
			Mammograp	phy Initial Qualifying Date						
1.		ing Date (earliest date q s should check "prior to 0		mmography physics. Medical p):	hysicists qualifying prior to	the MQSA				
	prior to O	ctober 1, 1994 or	specify date	after October 1, 1994	/					
	AND									
			Che	ck All That Apply		-				
2.		I am board certified:			Year Gra	nted				
1		American Board of Rad	liology (ABR)							
		American Board of Med	lical Physics (AB	MP)						
	V	I am state licensed and	/or approved.							
	AND									
	Yes No			gree or Higher - Initial Qu						
3.		Chemistry, Engineering	g, Radiation Scie	with no less than 20 semester t nce (including Health or Medic	al Physics).					
4.				and have at least 20 contact ho	ours of documented specia	alized training				
\vdash		in conducting surveys		/ facilities. and have experience conductin	in surveys of at least one					
5.				er the direct supervision of a qu		(No more than				
				riod of 60 days may be counted						
		physicist.)	ed aπer April 28,	1999, it must be under the dire	ect supervision of a qualific	ed medical				
			·	OR						
	Yes No			ications - Bachelor's Degr er FDA's Interim Regulations, PRI		IS .				
6.				April 28, 1999, with no less than		ysics, in:				
0.		Physics, chemistry, eng	gineering, radiation	on science (including health ph	ysics or medical physics).					
7.				April 28, 1999, and have at leas ys of mammography facilities.	st 40 contact hours of doc	ımented				
		I obtained a Bachelor's	degree prior to A	April 28, 1999, and have condu	cted surveys of at least or	ne				
8.		mammography facility	and 20 units. (No	more than one survey of a spe	ecific unit within a period o	of 60 days may				
		be counted towards the	total requiremen	AND						
9.	lrece	ived 8 hours of modelity	specific training	prior to independently performi	na europe on these syste	me.				
".	17606	Full-field di	gital mammograp	hy 🔽 Tomosynthesis (DBT)	Screen-film	1113.				
				AND						
	Yes No			equirements – Must Co						
10.		performed surveys of 2		inits over the previous the 24 n	•					
		Yes No		swered No" to the question about the process of requalifying?	ove (less than 2 facilities a	nd 6 units),				
11.		I have earned at least		mography in the previous 36 n						
		Yes No		ered "No" to the question aboven the process of requalifying?	e, (less than 15 CMEs in	36 months)				

I certify that the information provided on this document is true and correct.

Executed on: Jaly 3, 2024

SIGNATURE OF MEDICAL PHYSICIST

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HEALTH

Office of Radiological Health
This is to acknowledge that

ERIN FRANCE

License Number: RH-135-18-522

PHYSICS ASSOCIATES

5346 PETERS CREEK ROAD, SUITE 3, ROANOKE, VA 24019

has been approved to conduct the following type(s) of inspections

within the Commonwealth of Virginia

Bone Density, Chiropractic, Dental, Mammography, Medical, Podiatry, Veterinary, Non Medical & Shielding Design

Date Issued: 6/18/2024

Expiration Date: 7/1/2027

Kelsey feed

Director, Division of X-ray Programs

NOTICE OF REGISTRATION

Erin Leigh France

5346 Peters Creek Rd, N.W. Roanoke, VA 24019

Registration Number 997517

6/15/2027
Registration Expiration

Shielding Design
General Health Physics Consultant
MQSA Medical Physicist
Radiation Machine Evaluation

West Virginia Department of Health Bureau for Public Health Office of Environmental Health Services Radiological Health Program [64-CSR-23]

Activities conducted under the authority of this registration must comply with the Radiological Health Rule, West Virginia Code of State Regulations, Title 64, Series 23

Jason Frame, Director Office of Environmental Health Services

CABINET FOR HEALTH AND FAMILY SERVICES

Commonwealth

EXPIRATION DATE: 1/31/2025

CERTIFICATE NO: 803303 of Rentucky

RADIATION HEALTH PHYSICIST CONSULTANT

QUALIFICATIONS F G

Physics Associates, LLC 5346 Peters Creek Road Ste. A3 Roanoke VA 24019 Erin France

Eric C. Friedlander, Secretary Cabinet for Health & Family Services

Division Director, Rebecca Gillis Division of Public Health Protection and Safaty



STATE OF TENNESSEE **DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

Division of Radiological Health William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15th Floor Nashville, Tennessee 37243 Telephone: (615) 532-0364 Fax: (615) 532-0614

Date: 01/24/2019

Erin L. France 5346 Peters Creek Road, Ste. A3 Roanoke, VA 24019

Dear Ms. France:

After reviewing your credentials, the Division has determined that you meet the qualification requirements described in Section 0400-20-10-.24(3) of the regulations to become a Registered Inspector. This copy is your receipt, and will serve as your Certificate of Registration issued through **December 31**, **2019**. Your authorization is effective **01/24/2019**.

You have been approved to perform radiation machine inspections for the following Classes of machines as defined in "State Regulations for Protection Against Radiation," 0400-20-10-.24(3):

Classes: I, II, III, V, VI

You have been assigned Registered Inspector Number #3022

Enclosed are the forms to be completed for each inspection. Please use these originals to make your own copies. Completed forms are to be provided to the registrant to submit to the Department within 60 days of the date of your inspection to qualify them for a reduced fee. The registrant should be advised that any deficiency must be corrected and appropriate documentation of the correction submitted to the Department within 60 days of the date of your inspection.



TENNESSEE REGISTERED INSPECTOR LIST

Revised - November 8, 2024

Inspector Number: 3013 Approved for classes: I, II, III, V Adam M. Smith, M.S

Landauer Medical Physics
S. Tanglewood Drive
South Pines, NC 28387

Email: Asmith@landauermp.com

Inspector Number: 3015

Approved for classes: I, II, III, V

Diana E. Carver, PhD

116 21st Ave., South MCN DD-1103

Nashville, TN 37232 Phone: 615-343-0200

Email: diana.e.carver@vanderbilt.edu

Inspector Number: 3016

Approved for classes: I, II, III, VI, V, VII David Knight, CNMT, DPA, RSO Landauer Medical Physics

8900 Dehart St.

Olive Branch, MS 38654 Phone: 901-545-9207

Email: DKnight@landauermp.com

Inspector Number: 3018

Approved for classes: I, II, III, III, IV, V, VI, VII

Joel E. Fern 1832 Sonoma Trace Brentwood, TN 37027 Phone-615-427-3823

Email: fernjoel@gmail.com

Inspector Number: 3022

Approved for classes: I, II, III, V, VI

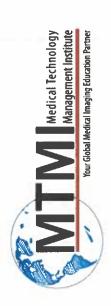
Erin L. France

5346 Peters Creek Rd NW, #A3

Roanoke, VA 24019 Phone: 540-563-0165 Fax: 540-563-0082

Email: erinfrance.pa@gmail.com

In accordance with "State Regulations for Protection Against Radiation" (SRPAR) 0400-20-10-.24(3)(d), the persons named on this list have been approved to provide radiation machine inspection services as permitted by "SRPAR" 0400-20-10-.27(4). Please note that they have only been approved for the specific Class(s) of radiation machine(s) as indicated.



THIS CERTIFIES THAT:

ERIN FRANCE

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:

28TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS

November 2-3, 2024

Stereotactic (3 hrs) and Future Directions in Mammographic Imaging (3 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation This seminar provides 16.68 hrs of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be awarded from CAMPEP are 16.68. Course hours may be subdivided into DBT (9.68 hrs), of hours not exceed 9.68. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE Senoclaire DBT System, Siemens Mammomat inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT.

This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 18.50 Category A ASRT#:WIZ01340097 Expiration Date 3-1-2025

Brends Desahieni
Brends Dessigni, MBA, CRA, FAHRA, RT(R)
MTMI President

10361 Innovation Drive, STE 400 Wauwatosa, WI 53226



THIS CERTIFIES THAT: ERIN FRANCE

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED: 26TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS

October 22-23, 2022

This seminar provides 16.34 hrs of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be warded from CAMPEP are 16.34. Course hours may be subdivided into DBT (11 hrs), Stereotactic (4.7 hrs) and Futur Directions in Mammographic Imaging (0.5 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation of hours not exceed 11. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE Senoclaire DBT System, Siemens Mammomat inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT. This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 19.25 Category A. ASRT#:WIZ01329033 Expiration Date 2-1-2023.

Jay Mazurowski, MS, CRA, FAHR MTMI President MTMI 10361 Innovation Drive, STE 40 Wauwatosa, WI 53226



Presented to:

Erin France

26th Annual Mammography Update for Physicists October 22-23, 2022

SAM Title	Credits	Approved	Date Given
The Diagnosis and Treatment of Breast Cancer	1	09/01/2022	10/22/2022
Digital Breast Imaging Technology and Technical	1.5	09/01/2022	10/22/2022
Considerations for DBT Imaging and Design			
Surveying/QC of Stereotactic Breast Biopsy Units	1	09/01/2022	10/22/2022
Evaluation of Stereotactic/Tomosynthesis Guided	1	09/01/2022	10/22/2022
Breast Biopsy Units			
Clinical Experience with Digital Breast Tomosynthesis	1	09/01/2022	10/22/2022
Stereotactic Breast Biopsy: Clinical Considerations and	1	09/01/2022	10/22/2022
Comparison to Alternative Blopsy Techniques			
ACR FFDM QC Manual and Phantom	1	09/01/2022	10/22/2022
Motivation and Strategies for Transitioning to the ACR	1	09/01/2022	10/22/2022
DMQC Manual			
Soft Copy Display: Image Communication and QC	.5	09/01/2022	10/22/2022

"Qualified by the American Board of Radiology in meeting the criteria for self-assessment toward the purpose of fulfilling requirements in the ABR maintenance of certification program."

Jay Mazurowski, MS, CRA, FAHR MTMI President 92%

October 26, 2022

W140 N8917 Lilly Road Menomonee Falls, WI A Continuing Education Division of CHCP



Presented to:

Erin France

CAMPEP Post-test

26th Annual Mammography Update for Physicists October 22-23, 2022

90%

Jay Mazurowski, MS, CRA, FAHR MTMI President Oct 26, 2022

10361 Innovation Drive, Suite 400 Milwaukee, WI 53226 Your Global Medical Imaging Partner



Presented to:

Erin France

Annual Mammography Update for Physicists October 24-25, 2020

SAM Title	Credits	Approved	Date Given
The Diagnosis and Treatment of Breast Cancer	1.0	02/01/2019	10/24/2020
Digital Breast Imaging Technology & Technical Considerations	1.0	02/07/2020	10/24/2020
Surveying/QC of Stereotactic Breast Biopsy Units	1.0	10/01/2019	10/24/2020
Evaluation of Stereotactic/Tomosynthesis-Guided Breast Biopsy	1.0	10/22/2020	10/24/2020
Units			
Clinical Experience with Digital Breast Tomosynthesis	1.0	02/01/2019	10/24/2020
Stereotactic Breast Biopsy: Clinical Considerations	1.0	02/01/2019	10/24/2020
ACR FFDM QC Manual and Phantom Update	1.0	10/07/2020	10/24/2020
Motivation and Strategies for Transitioning to the ACR DMQC	1.8	02/07/2020	10/24/2020
Manual			
Soft Copy Display: Image Communication and QC	1.0	02/01/2019	10/24/2020

"Qualified by the American Board of Radiology in meeting the criteria for selfassessment toward the purpose of fulfilling requirements in the ABR maintenance of certification program."

Emesto A. arlind, Ph. D.

92.2%

rnesto A. Cerdena, PhD, MS, RT(R)j(CT)(CV), CRA, FAHRA, FACHE resident (TMI Global)

October 28, 2020

10361 Innovation Drive, Suite 400 Milwaukee, WI 53226 Your Global Medical Imaging Partner



THIS CERTIFIES THAT:

ERIN FRANCE

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:

ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS

October 24-25, 2020

This seminar provides 17 hrs of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be awarded from CAMPEP. It also includes 8 hours training on the surveying of digital mammography units, 3 hours on stereotactic breast biopsy units, 8 9.5 hours on digital breast tomosynthesis (DBT). It includes the unique features of the following FDA approved DBT systems: Hologic Selenia Dimensions; GE Pristina and GE SenoClaire Digital Breast Tomosynthesis (DBT) System, Siemens Mammomat Inspiration with Tomosynthesis Option

(DBT)System and Fujifilm Aspire Cristalle with Digital Breast Tomosynthesis (DBT) Option.

This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states. Credit Hours: 19.5 CategoryA ASRT#: WIZ0130065 Expiration Date 03/1/2021

Emzezto A. autus, 84.0.

10361 Innovation Drive, STE #400 Milwaukee, WI 53226

114



Presented to:

Erin France

CAMPEP Post-test

24th Annual Mammography Update for Physicists October 24-25, 2020

Emisto A. andered , Ph. D.

86.7%

Ernesto A. Cerdena, PhD, MS, RT(R)(CT)(CV), CRA, FAHRA, FACHE President MTMI Global

Oct 27, 2020

10361 Innovation Drive, Suite 400 Milwaukee, WI 53226 Your Global Medical Imaging Partner



Department of Radiological Sciences

June 4, 2018

To Whom It May Concern:

Erin France, MS, will successfully complete her CAMPEP accredited residency in diagnostic imaging physics on June 30, 2018. During the period of her residency program, July 2016 – June 2018, Ms. France received training and experience specific to mammography, which includes the following:

- 1. At least 20 contact hours of mammography facility survey training.
- 2. At least 1 mammography facility and 10 mammography unit surveys performed under direct supervision.
- 3. At least 8 hours of training in full field digital mammography.
- 4. At least 8 hours of training in digital breast tomosynthesis.

Sulaiman Aldoohan, Ph. D., DABR

Diagnostic Imaging Medical Physics Residency Program Co-Director

I In D. aldochan

Erin France
Summary of Mammography Initial Experience

Date	Site	Model	Modality	Survey Type	Supervising Physicist
10/28/2016	BHNE	Hologic Multicare Platinum	Stereotactic	Unit	SA
12/20/2016	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
1/11/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
1/18/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
1/25/2017	BHNE	Hologic Selenia Dimensions	FFDM + D8T	Unit	ww
2/8/2017	BHNE	-	-	Facility	ww
4/28/2017	BHNSW	Hologic Selenia Dimensions	FFDM	Unit	SA
5/10/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
7/26/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
9/7/2017	BHNE	-	-	Facility	ww
10/6/2017	BHNSW	Hologic Selenia	FFDM	Unit	ww
10/11/2017	BHNNW	Mammotome Mammotest	Stereotactic	Unit	ww
10/18/2017	BHNNW	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
10/19/2017	BHNSW	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
10/27/2017	BHNNW	Hologic Selenia	FFDM	Unit	ww
11/2/2017	BHNNW	Hologic Selenia	FFDM	Unit	ww
12/7/2017	BHNSW	•	- 1	Facility	ww
12/8/2017	BHNE	Hologic Multicare Platinum	Stereotactic	Unit	ww
12/18/2017	BHNNW	-		Facility	ww
1/12/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
1/19/2018	BHNNW	Hologic Selenia	FFDM	Unit	ww
2/9/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
2/16/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
2/23/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
4/11/2018	BHNE	- -	-	Facility	ww
6/1/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	ww
6/6/2018	BHNNW	<u> </u>		Facility	ww

Sites:

BHNE - Breast Health Network Edmond, Edmond, OK

BHNSW - Breast Health Network Southwest, Oklahoma City, OK BHNNW - Breast Health Network Northwest, Oklahoma City, OK

Supervising Medical Physicists:

SA - Sulaiman Aldoohan, PhD, Sulaiman-Aldoohan@ouhsc.edu, 405-271-8001 ext. 53606

WW - Weiyuan Wang, PhD, Weiyuan-Wang@ouhsc.edu, 405-271-8001 ext. 35419

Trainee or Assistant Log

Site Name:

OU Breast Health Network - Edmond

Address:

2601 Kelley Pointe Parkway, Edmond, OK 73103

MAP#:

RM128: 15455-08, RM157: 15455-06, RM159: 15455-07, RM161: 15455-09

QC Manual:

MAN-03706 Rev. 005

Units:

Hologic Selenia Dimensions

Rooms:

128, 157, 159, 161

Review Date:

2/8/2017

Physicists:

Erin France

Erin France, M.S., Diagnostic Physics Resident

Weiguen Wang

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Rm 128:

One compression thickness form found in wrong section of notebook (placed in front of tab instead of behind).

Technologist Data Collection worksheet, mAs value for 8/23 may need to change from 41 to 44.

Technologist Data Collection worksheet for Tomosynthesis does not match Phantom Control Chart for Tomosynthesis for date 11/15 number of masses seen.

Rm 157:

-Technologist Data Collection worksheet does not match SNR/CNR plot or Phantom Control Chart for EI value on 10/10.

Comments

Rm 159:

-Technologist Data Collection worksheet does not match Compression Thickness Indicator plot for 10/10.

Rm 161:

Technologist Data Collection worksheet does not match Phantom Control Chart for mAs on 9/27.

Technologist Data Collection worksheet for Tomosynthesis does not match Phantom Control Chart for Tomosynthesis for number of masses seen on 10/11 and number of masses seen on 9/13.

#	Binder Location	Items	Frequency	128	157	159	161
	T	DICOM Printer QC (SMPTE)		N/A	N/A	N/A	N/A
	Daily and Weekly Checklist	Viewboxes & Viewing Conditions	7	Pass	Pass	Pass	Pass
		Artifact Evaluation	We alsled	Pass	Pass	Pass	Pass
1.		SNR & CNR Measurements	Weekly	Pass	Pass	Pass	Pass
1		Phantom Image]	Pass	Pass	Pass	Pass
		Detector Flat-Field Calibration	Ī	Pass	Pass	Pass	Pass
		Compression Thickness Indicator	Bi-Weekly	Pass	Pass	Pass	Pass
	1	Diagnostic Review Workstation QC	Weekly	Pass	Pass	Pass	Pass
		Artifact	}	Pass	Pass	Pass	Pass
2	Data Collection		Washin	Pass	Pass	Pass	Pass
4	Worksheet	Reported Thickness on Compression	Weekly	Pass	Pass	Pass	Pass
		Phantom/Image Quality]	Pass	Pass	Pass	Pass
3	Data Collection Worksheet	Artifact	Weekly	Pass	Pass	Pass	Pass
Ľ	(Tomosynthesis)	Phantom/Image Quality	Wooldy	Pass	Pass	Pass	Pass
4	Diagnostic Review	Diagnostic Review Workstation QC (Separate Binder)	Weekly	DWS1		DWS3 DWS	4 DWS5
	Workstation		<u></u>	Pass	Pass	Pass Pass	Pass
5	Phantom	Technique & EI	Weekly	Pass	Pass		Pass
لِــّـا		Image Quality Plot	Weekly	Pass	Pass	Pass	Pass
6	Control Chart	Technique & El	Weekly	Pass	Pass	Pass	Pass
L	(Tomosynthesis)	Image Quality Plot	W com,	Pass	Pass		Pass
7	1	Technique	Weekly	Pass	Pass		Pass
<u> </u>		Artifacts	, , ,	Pass	Pass		Pass
		Technique		Pass	Pass		Pass
8	I I OTITOLI BATELI	SNR Plot	Weekly	Pass	Pass		Pass
<u> </u>		CNR Plot		Pass	Pass	Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass	Pass	Pass
		C-Arm		Pass	Pass	Pass	Pass
10	Minual Charalitas	Cassette Holder (Compression & Grid)	N # =45-1=-	Pass	Pass	Pass	Pass
10	Visual Checklist	Control Booth	Monthly	Pass	Pass	Pass	Pass
		Other (collimators/cleaning solution)		Pass	Pass	Pass	Pass
		Visual Checklist	Monthly	Pass	Pass	Pass	Pass
11		Repeat/Reject Analysis	Quarterly	Pass	Pass	Pass	Pass
' '		Compression	Semi-Annually	Pass	Pass	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass	Pass	Pass
12		Physicist Mammography QC	Yearly	Pass	Pass	Pass	Pass
13	Service	Field Service Report	As Needed	Pass	Pass	Pass	Pass

Trainee or Assistant Log

Site Name:

OU Breast Health Network - Edmond

Address:

2601 Kelley Pointe Parkway, Edmond, OK 73103

MAP#:

RM128: 15455-08, RM157: 15455-06, RM159: 15455-07, RM161: 15455-09

QC Manual:

MAN-03706 Rev. 005

Units:

Hologic Selenia Dimensions

Rooms:

128, 157, 159, 161

Review Date:

9/7/2017

Physicists:

Erin France

Erin France, M.S., Diagnostic Physics Resident

Weigner Wang

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Rm 128:

-No action needed.

Rm 157:

-No action needed.

Comments

Rm 159:

Room numbers on charts do not match the actual room number 159.

Rm 161:

-Dates do not match on the Daily/Weekly Checklist.

It is recommended that any corrections made should be initialed for all rooms.

#	Binder Location	Items	Frequency	128	15	7	159	161
		DICOM Printer QC (SMPTE)		N/A	N/	Α.	N/A	N/A
		Viewboxes & Viewing Conditions	7	Pass	Pa		Pass	Pass
1		Artifact Evaluation	Waalda	Pass	Pa	SS	Pass	Pass
1.	Daily and	SNR & CNR Measurements	Weekly	Pass	Pa	SS	Pass	Pass
, ,	Weekly Checklist	Phantom Image		Pass	Pas	SS	Pass	Pass
	Checklist	Detector Flat-Field Calibration		Pass	Pa	SS	Pass	Pass
		Compression Thickness Indicator	Bi-Weekly	Pass	Pas	ss	Pass	Pass
<u>L</u>		Diagnostic Review Workstation QC	Weekly	Pass	Pas	s	Pass	Pass
		Artifact		Pass	Pas	SS	Pass	Pass
2	Data Collection		Weekly	Pass	Pas	SS	Pass	Pass
_	Worksheet	Reported Thickness on Compression	Weekly	Pass	Pas	SS	Pass	Pass
	<u> </u>	Phantom/Image Quality		Pass	Pas	S	Pass	Pass
3	Data Collection Worksheet	Artifact	Weekly	Pass	Pas	S	Pass	Pass
Ĺ	(Tomosynthesis)	Phantom/Image Quality	Weekly	Pass	Pas	s	Pass	Pass
4	Diagnostic Review	Diagnostic Review Workstation QC	Weekly	DWS1	DWS2	DWS	DWS	4 DWS5
	Workstation	(Separate Binder)	Ĭ ,	Pass	Pass	Pass	Pass	Pass
5	Phantom	Technique & EI	Weekly	Pass	Pas	s	Pass	Pass
	Control Chart	Image Quality Plot	Weekly	Pass	Pas	s	Pass	Pass
6	Control Chart	Technique & El	Weekly	Pass	Pas	s	Pass	Pass
Ľ	(Tomosynthesis)	Image Quality Plot	Weekly	Pass	Pas		Pass	Pass
7	Artifact	Technique	Weekly	Pass	Pas		Pass	Pass
<u> </u>		Artifacts	11 00123	Pass	Pas		Pass	Pass
		Technique		Pass	Pas		Pass	Pass
8	Control Chart	SNR Plot	Weekly	Pass	Pas		Pass	Pass
<u> </u>		CNR Plot		Pass	Pas	s	Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pas	s	Pass	Pass
	(C-Arm		Pass	Pas	s	Pass	Pass
10	Viewel Charlettet	Cassette Holder (Compression & Grid)	Mandala	Pass	Pas	S	Pass	Pass
10		Control Booth	Monthly	Pass	Pas	S	Pass	Pass
		Other (collimators/cleaning solution)]	Pass	Pas		Pass	Pass
	Monthly,	Visual Checklist	Monthly	Pass	Pas		Pass	Pass
11		Repeat/Reject Analysis	Quarterly	Pass	Pas		Pass	Pass
11		Compression	Semi-Annually	Pass	Pas	s	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pas	S	Pass	Pass
12		Physicist Mammography QC	Yearly	Pass	Pas	s	Pass	Pass
13	Service	Field Service Report	As Needed	Pass	Pas	s	Pass	Pass

Trainee or Assistant Log

Site Name:

OU Breast Health Network - Southwest

Address:

2607 SW 119th St., Oklahoma City, OK 73170

MAP#:

RM104: 15890-04, RM105: 15890-02

QC Manual:

MAN-01476 Rev. 001 (RM105); MAN-04326 Rev. 001 (RM104)

Units:

Hologic Selenia Dimensions 3D (RM104), Hologic Selenia (RM105)

Rooms:

104, 105

Review Date: 12/7/2017

Physicists:

Erin France, M.S., Diagnostic Physics Resident

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Rm 104:

-No action needed

Rm 105:

-No Action needed.

Comments

It is recommended that any corrections made should be initialed for all rooms.

#	Binder Location	Items	Frequency	104	105
		DICOM Printer QC (SMPTE)		N/A	N/A
1		Viewboxes & Viewing Conditions		N/A	N/A
	Daily and Weekly Checklist	Artifact Evaluation		Pass	Pass
١.		SNR & CNR Measurements	Weekly	Pass	Pass
1		Phantom Image	7	Pass	Pass
		Detector Flat-Field Calibration	7	Pass	Pass
		Compression Thickness Indicator	Bi-Weekly	Pass	Pass
Į		Diagnostic Review Workstation OC	Weekly	Pass	Pass
		Artifact		Pass	Pass
	Data Collection	SNR & CNR	1	Pass	Pass
2	Worksheet	Reported Thickness on Compression	Weekly	Pass	Pass
		Phantom/Image Quality	7	Pass	Pass
	Data Collection	Artifact	 	Pass	N/A
3	Worksheet		Weekly	1 435	IN/A
	(Tomosynthesis)	Phantom/Image Quality		Pass	N/A
	Diagnostic	Diametic Business Williams 200	Weekly	Workstation	
4	Review	Diagnostic Review Workstation QC			
	Workstation	(Separate Binder)		Pass	
5	Phantom Control	Technique & EI	*** 11	Pass	Pass
	Chart	Image Quality Plot	Weekly	Pass	Pass
	Phantom Control	Control Technique & EI	Pass	N/A	
6	Chart		Weekly		
	(1011100)111110010)	Image Quality Plot		Pass	N/A
7	Artifact	Technique	Weekly	Pass	Pass
	Evaluation	Artifacts	Weekly	Pass	Pass
_	SNR & CNR	Technique	_	Pass	Pass
8	Control Chart	SNR Plot	Weekly	Pass	Pass
		CNR Plot		Pass	Pass
	Compression	X 31 4 1 000 1 3		_	_
9		Indicated Thickness	Bi-Weekly	Pass	Pass
	Indicator	C-Arm		Desc	Dave
		Cassette Holder (Compression & Grid)	-	Pass	Pass Pass
10	Visual Checklist	Control Booth	Monthly	Pass Pass	
J	l .	Other (collimators/cleaning solution)	-		Pass
		Visual Checklist	Monthly	Pass	Pass
	w, 1	Repeat/Reject Analysis	Quarterly	Pass	Pass
11		Compression	Semi-Annually	Pass	Pass
ļ		Diagnostic Review Workstation QC		Pass	Pass
12		Physicist Mammography QC	Monthly	Pass	Pass
13		Field Service Report	Yearly As Naodod	Pass	Pass
1.0	SELVICE .	riela service report	As Needed	Pass	Pass

Trainee or Assistant Log

Site Name:

OU Breast Health Network - Northwest

Address:

13401 N MacArthur Blvd, Oklahoma City, OK 73142

MAP#:

RM112: 00621-11, RM113: 00621-10, RM116: 00621-09

QC Manual:

MAN-01476 Rev. 001 (RM113, RM116); MAN-01965 Rev. 008 (RM112)

Units:

Hologic Selenia Dimensions 3D (RM112), Hologic Selenia (RM113, RM116)

Rooms:

112, 113, 116

Review Date: 12/18/2017

Physicists:

Erin France, M.S., Diagnostic Physics Resident

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Rm 112:

No action needed

Rm 113:

-No Action needed.

Rm 116:

Comments

-No action needed.

It is recommended that any corrections made should be initialed for all rooms.

#	Binder Location	Items	Frequency	112	113	116
		DICOM Printer QC (SMPTE)		Pass	Pass	Pass
1	1	Viewboxes & Viewing Conditions	1	N/A	N/A	N/A
1	D 1	Artifact Evaluation	7171-1	Pass	Pass	Pass
Ι,	Daily and	SNR & CNR Measurements	Weekly	Pass	Pass	Pass
	Weekly Checklist	Phantom Image		Pass	Pass	Pass
1	CHECKIISI	Detector Flat-Field Calibration		Pass	Pass	Pass
1		Compression Thickness Indicator	Bi-Weekly	Pass	Pass	Pass
į.		Diagnostic Review Workstation QC	Weekly	Pass	Pass	Pass
		Artifact		Pass	Pass	Pass
2	Data Collection	SNR & CNR	Wooldy	Pass	Pass	Pass
_	Worksheet	Reported Thickness on Compression	Weekly	Pass	Pass	
		Phantom/Image Quality	7	Pass	Pass	
	Data Collection	Artifact		Pass	N/A	
3	Worksheet		Weekly			
	(Tomosynthesis)	Phantom/Image Quality		Pass	N/A	N/A
	Diagnostic	Diagnostic Review Workstation QC		WK0	1	WK02
4	Review (Canarata Rindar)	Weekly		_		
	Workstation		<u> </u>	Pass		Pass
5	Phantom	Technique & EI	Weekly	Pass	Pass	Pass
		Image Quality Plot	Weekly	Pass	Pass	Pass
	Phantom	Technique & EI		Pass	N/A	N/A
6	Control Chart	Image Quality Plot	Weekly	Pass	N/A	N/A
_	Artifact	Technique		Pass	Pass	Pass
7	Evaluation	Artifacts	Weekly	Pass	Pass	Pass
	0) TD 0 0) TD	Technique		Pass	Pass	Pass
8	SNR & CNR	SNR Plot	Weekly	Pass	Pass	Pass
	Control Chart	CNR Plot	1	Pass	Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass	Pass
		C-Arm		Pass	Pass	Pass
10	Visual Checklist	Cassette Holder (Compression & Grid)	Manthit	Pass	Pass	Pass
10	V ISUAI CHECKIISU	Control Booth	Monthly	Pass	Pass	Pass
		Other (collimators/cleaning solution)		Pass	Pass	Pass
- 1		Visual Checklist	Monthly	Pass	Pass	Pass
11		Repeat/Reject Analysis	Quarterly	Pass	Pass	Pass
	<u> </u>	Compression	Semi-Annually	Pass	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass	Pass
		Physicist Mammography QC	Yearly	Pass	Pass	Pass
13		Field Service Report	As Needed	Pass	Pass	Pass
		Orystar 4500M Daily Density Control Chart	Weekly	8x10	\perp	10x10
14	ļ.			Pass		Pass
14		Orystar 4500M Artifacts and Spatial Resolution Control Chart (8x10 only)	Weekly	Pass		
						- 1

Evaluation of Site's Technologist QC Program

Trainee or Assistant Log

Site Name:

OU Breast Health Network - Edmond

Address:

2601 Kelley Pointe Parkway, Edmond, OK 73103

MAP#:

RM128: 15455-08, RM157: 15455-06, RM159: 15455-07, RM161: 15455-09

QC Manual:

MAN-03706 Rev. 005

Units:

Hologic Selenia Dimensions

Rooms:

128, 157, 159, 161

Review Date: 4/11/2018

Physicists:

rance

Erin France, M.S., Diagnostic Physics Resident

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Rm 128:

-No action needed.

Rm 157:

No action needed.

Comments

Rm 159:

-No action needed

IRm 161:

-No action needed.

It is recommended that any corrections made should be initialed for all rooms.

It is recommended that the data points for CNR and SNR plots be connected by lines for all rooms.

#	Binder Location	Items	Frequency	128	15	7	159	161
		DICOM Printer QC (SMPTE)		N/A	N/	A	N/A	N/A
	1	Viewboxes & Viewing Conditions]	Pass	Pa	SS	Pass	Pass
	Daily and	Artifact Evaluation	Weekly	Pass	Pa	SS	Pass	Pass
1	Weekly	SNR & CNR Measurements	Weekiy	Pass	Pa	SS	Pass	Pass
1 '	Checklist	Phantom Image		Pass	Pas	SS	Pass	Pass
	Checkist	Detector Flat-Field Calibration		Pass	Pas	SS	Pass	Pass
		Compression Thickness Indicator	Bi-Weekly	Pass	Pas	SS	Pass	Pass
		Diagnostic Review Workstation QC	Weekly	Pass	Pas	SS	Pass	Pass
		Artifact		Pass	Pas	SS	Pass	Pass
2	Data Collection	SNR & CNR	Weekly	Pass	Pas	SS	Pass	Pass
	Worksheet	Reported Thickness on Compression	weekly	Pass	Pas	SS	Pass	Pass
	<u> </u>	Phantom/Image Quality		Pass	Pas	ss	Pass	Pass
3	Data Collection Worksheet		Weekly	Pass	Pas	s	Pass	Pass
	(Tomosynthesis)	Phantom/Image Quality		Pass	Pas	s	Pass	Pass
4	Diagnostic Review	Diagnostic Review Workstation QC (Separate Binder)	Weekly	DWS1	DWS2	DWS	3 DWS	DWS5
	Workstation	<u> </u>		Pass	Pass	Pass	Pass	Pass
5	Phantom	Technique & EI	Weekly	Pass	Pas	S	Pass	Pass
	Control Chart	Image Quality Plot	VICCKIY	Pass	Pas	s	Pass	Pass
6	Phantom Control Chart	Technique & El	Weekly	Pass	Pas	s	Pass	Pass
ļ	(Tomosynthesis)	Image Quality Plot	,	Pass	Pas		Pass	Pass
7	Artifact	Technique	Weekly	Pass	Pas	_	Pass	Pass
 	Evaluation	Artifacts		Pass	Pas		Pass	Pass
		Technique		Pass	Pas		Pass	Pass
8		SNR Plot	Weekly	Pass	Pas		Pass	Pass
 		CNR Plot		Pass	Pas	S	Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pas	s	Pass	Pass
		C-Arm		Pass	Pas	s	Pass	Pass
10	Visual Checklist	Cassette Holder (Compression & Grid)	Manuel 1	Pass	Pas	s	Pass	Pass
10		Control Booth	Monthly	Pass	Pas	_	Pass	Pass
		Other (collimators/cleaning solution)		Pass	Pas	s	Pass	Pass
	* * -	Visual Checklist	Monthly	Pass	Pas		Pass	Pass
11	· • • • • • • • • • • • • • • • • • • •	Repeat/Reject Analysis	Quarterly	Pass	Pas		Pass	Pass
**	the state of the s	Compression	Semi-Annually	Pass	Pas	3	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass	3	Pass	Pass
		Physicist Mammography QC	Yearly	Pass	Pas	3	Pass	Pass
13	Service I	Field Service Report	As Needed	Pass	Pas	<u>s</u> [Pass	Pass

Ĺ

Evaluation of Site's Technologist QC Program

Trainee or Assistant Log

Site Name:

OU Breast Health Network - Northwest

Address:

13401 N MacArthur Blvd, Oklahoma City, OK 73142

MAP#:

RM112: 00621-11, RM113: 00621-10, RM116: 00621-09

QC Manual:

MAN-01476 Rev. 001 (RM113, RM116); MAN-01965 Rev. 008 (RM112)

Units:

Hologic Selenia Dimensions 3D (RM112), Hologic Selenia (RM113, RM116)

Rooms:

112, 113, 116

Review Date: 6/6/2018

Physicists:

Erin France, M.S., Diagnostic Physics Resident

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Rm 112:

Use latest QC Manual charts

-Serial number of phantom needs to be placed on charts

Rm 113:

On the "Daily/Weekly Checklist" the printer and viewbox were not marked off for the week of 4/9-

Comments

Use latest QC manual charts

-On the "SNR/CNR Control Chart", the charts needs date and initials

-Serial number of phantom needs to be placed on charts

Rm 116:

-Use latest QC manual charts

Serial number of phantom needs to be placed on charts

It is recommended that any corrections made should be initialed for all rooms.

It is recommended that the data points for CNR and SNR plots be connected by lines for all rooms.

Hereby awards this Certificate of Completion to

Enin Frances Was

For completing 5 hours of Hologic's product in training in accordance with MOSA guidance for Digital 3-D Mammography Systems*

Selenia® Dimensions® Quality Control and Set-up Procedures

On this Date: 06-14-2018

Authorized by. Kevin Edwards, Field Specialist

MOSA guidelines require each Medical Physicists to complete eight hours Of product training prior to using the Selenia Dimensions" for clinical use.

#	Binder Location	Items	Frequency	104	105
		DICOM Printer QC (SMPTE)	QC (SMPTE) Tiewing Conditions ion		N/A
j		Viewboxes & Viewing Conditions	7	N/A	N/A
	1	Artifact Evaluation	Washler	Pass	Pass
1	Daily and Weekl	y SNR & CNR Measurements	weekly	Pass	Pass
1	Checklist	Phantom Image		Pass	Pass
		Detector Flat-Field Calibration		Pass	Pass
		Compression Thickness Indicator	Bi-Weekly	Pass	Pass
		Diagnostic Review Workstation QC	Weekly	Pass	Pass
1		Artifact		Pass	Pass
2	Data Collection		Washin	Pass	Pass
۲	Worksheet	Reported Thickness on Compression	Weekly	Pass	Pass
		Phantom/Image Quality		Pass	Pass
3	Data Collection Worksheet	Artifact	Weekly	Pass	N/A
	(Tomosynthesis)	Phantom/Image Quality	W com	Pass	N/A
4	Diagnostic Review	Diagnostic Review Workstation QC	Weekly	Workstation	
·	Workstation	(Separate Binder)	Weekly	Pass	
5	Phantom Control Technique & EI		Weekly	Pass	Pass
	Chart	Image Quality Plot	Weekly	Pass	Pass
6	Phantom Control Chart	Technique & EI	Weekly	Pass	N/A
	(Tomosynthesis)	Image Quality Plot	Weekly	Pass	N/A
7	Artifact	Technique	Weekly	Pass	Pass
	Evaluation	Artifacts	WCCKIY	Pass	Pass
_	SNR & CNR	Technique	_	Pass	Pass
8	Control Chart	SNR Plot	Weekly	Pass	Pass
	125	CNR Plot		Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass
		C-Arm		Pass	Pass
10	Visual Checklist	Cassette Holder (Compression & Grid)	14-411	Pass	Pass
10	Visual Checklist	hecklist Control Booth Monthly		Pass	Pass
		Other (collimators/cleaning solution)]	Pass	Pass
		Visual Checklist	Monthly	Pass	Pass
11		Repeat/Reject Analysis	Quarterly	Pass	Pass
**		Compression	Semi-Annually	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass
12		Physicist Mammography QC	Yearly	Pass	Pass
13	Service 1	Field Service Report	As Needed	Pass	Pass



Certificate of Completion to Hologic hereby awards this

Erin France

For Medical Physicists in accordance with MQSA guidance 3 hours of Hologic's Online Tomosynthesis Training for Digital 3-D Mammography Systems* Selenia Dimensions Quality Control and Set-up Procedures

Dated:

4/27/2018

Phillip B. Modesti, Sr. Director Medical Education

(Muley B. Modest)

MOSA guidelines regune each Medical Physicists to complete eight hours.
 Of product fraining prior to using the Solenia Dimensions. for chirectuse.

The Aniversity of Oklahoma Aealth Sciences Center

makes known by these presents that

Trin T. France, A.S.

has faithfully and acceptably sorved as

Resident in Biagnostic Imaging Physics

at the University of Oktahoma Health Sciences Center

Obtahoma City, Obtahoma

from July 1, 2016 through June 30, 2018

Given undon the Ical of the University of Oklahoma at the Health Sciences Centen,

Oktahoma City, Oktahoma.

C > 12 H Bluisman, Beard of Regards On DI Brass Foundand of the University

Director of Residency Progress

Miller Son Description and Chain

The Oklahoma State Regents for Higher Education acting through



have admitted

Arin Arigh Arance

to the degree of

Master of Science

and all the honors, privileges and obligations belonging thereto, and in witness thereof have authorized the issuance of this Diploma duly signed and sealed.

Issued at the University of Oklahoma at Oklahoma City, Oklahoma on the thirteenth day of May two thousand and sixteen.

For the Rate Regents

For the University





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OURSC GPA :

Fall 2014

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Directed Reading Advanc Topics

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Research for Matern Thesis

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Description

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Radiation Bio/Radiation Chem Research for Masters Thesis

Description

Course

Radiological Physics III

5222 5980 6664

RADI RADI RADI

THE UNIVERSITY OF OKLAHOM

University of Oklahoma Health Bulences Center Oklahoma City, OK 731260901 P. O. Box 26901 United States

: 2018-01-18 Print Date : Erin France Birthdate : xxxx-02-15 1754020 Student ID:

Spring 2014 (cont.)	8.00 TOTALS : 8.00 8.00 24.000	12.00 TOTALS : 14.00 14.00 40.000	Summer I 2014	Attempted Earned Grade Points
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Field of Study : Mathematics Field of Study : Physics 2013-05-10 Bachalor of Science Camazon University

Confer Date

Degree Plan

2013-07-10 : Radiological Sciences - MS Mejor Graduate Medicine Active in Program Completed Program 2016-05-13 2013-07-10 Program

Academic Program History

- - - Beginning of Graduate Record

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THE UNIVERSITY OF OKLAHOMA

: 2010-01-18

Print Date

Summer I 2015

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The Oklahoma State Regents for Higher Education Acting Chrough

Cameron Anibersity

have admitted

Erin France

Wachelor of Science to the degree of

Cum Laude

and all the honors, privileges and obligations belonging thereto, and in witness thereof have authorized the issuance of this diploma duly signed and sealed.

Assued at Cameron Aniversity at Lawton, Gklahoma, this tenth day of May, Two Thousand Thirteen.



FOR THE UNIVERSITY:

FOR THE STATE REGENTS:

HEART STATE OF THE STATE OF THE

Ehairman, Board of Regents

Secretary

Chancellor

Probost

VATONTON

CAMERON UNIVERSITY Office of the Registrar 2800 W Gore Blvd 1800 OK 73505

2800 W Gore Blvd Lawton, OK 73505

Level: Undergraduate Date Issued: 15-APR-2014

ACADEMIC TRANSCRIPT

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Page: 1

			rev	Level: Undergraduate	aduate	
Record of: Exin L France	000169905		SSN: ****7887	Bate of Birth:	15-PEB	
Course Level: Undergraduate High School: Shawnee Senior High School 22-MAY-2009		SUBJ NO.	COURSE TITLE		CRED GRD PTS	
Degree Awarded: Bachelor of Science 10 MAY-2013 Major : Physics Minor : Mathematics Inst. Honors: Cum Daude	i de la compania del compania del compania de la compania del compania de la compania del compania de la compania de la compania de la compania del compania	Institution I MATH 2215 PHYS 2015	Information continued: Calc & Analytic Geom I Phys I Sci & Engr Majors	I Ors Enar Mirs	5.000 A 2 S 000 A 2	20.000
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Summer 2009 Adv Standing: Placement 0.000 Bhrs: 0.000 QPts: 0.000 Fall 2008 Semfable State College 9.000 GPA-Hrs: 3.000 QPts: 3.000		Spring 2010 CHEM 1471 CHEM 1474 EDUC 3881	General Chemistry Lab II General Chemistry II WS: Forest Stds Pro Lrng Calc & Analytic Geom II	ri ng Tree	1,000 A 4,000 A 1,000 A	4.000 4.000 20.000
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7.000 GPA: Seminole State Cdllege 42.000 3.000 GPA: 4.000			Working Safely W/Chemicals Organic Chemistry I	cals	1.000 F	4.000
Summer 2010 Rose State College 12.000 SPA-Hrs: 3.000 QPts: 4.000 INSTITUTION CREDIT:	tel Ma		Organic Chemistry I Lab Economic Geography Pe Act: Boxaerobics I		0.000 to 3.000 A	16.000 .000 12.000
Fall 2009 CHEW-T361 General Chemistry I 4.000 A 16.000 **********************************		***	******* CONTINUED ON PAGE	4GE 2	* * * * * * * * * * * * * * * * * * * *	0 4 *



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CAMERON UNIVERSIT

CAMERON UNIVERSITY
Office of the Registrar

Lawfon, OK 73505 2800 W Gore Blvd

ACADEMIC TRANSCRIPT

Level: Undergraduate Date Issued: 15-APR-2014

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Linda Phillips/Registrar



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CAMERON UNIVERSITY Office of the Registrar

2800 W Gore Blvd Lawfon, OK 73505

Date Issued: 15-APR-2014

ACADEMIC TRANSCRIPT

WITON, OK 73505

CAMERON UNIVERSITY

AND TO

Level: Undergraduate

Birth: 15-FEB

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Record of: Erin L France	SUBJ NO.	nformatic Lit for		14524	Good Standing: Good Standing Last Standing: Good Standing ************************************

OFFICIAL TRANSCRIPT ISSUED TO STUDENT

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Linda Phillips/Registrar

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This officially sealed and signed transcript is on security paper with the name of the university appearing in small, white type with a grey background across most of the documents face. A raised seal is not required, if copied in black and with or in cofort the word void should appear. A black on white or a color copy should not be accepted. This document when he are presented to the reverse and the property of the property o the spine

Medical Physicist Qualification Form

Medical Physicists conducting surveys for a mammography facility seeking ACR Accreditation (including locum tenens and parttime) must complete and sign this form within one year of the most recent medical physicist's Annual Survey report, verifying they meet FDA MQSA requirements. Incomplete, out of date or inaccurate forms may delay the facility's accreditation. Original, electronic or faxed signatures are required and legally binding for this document. Stamped signatures are not acceptable. Please leave a copy with your facility when performing the survey.

							Degree
	France		Erin	L.			M.S.
			Mammography Ini	tial Qualifying	Date		
1.	Initial Qualifying Date (earliest date qualified to do mammography physics. Medical physicists qualifying prior to the MQSA Interim Rules should check "prior to October 1, 1994."):						
			AND				
		T	Check All	That Apply		1	
2.		I am board certified:				Year Grant	ted
		American Board of Rac	diology (ABR)		·		
ll		American Board of Me	dical Physics (ABMP)				
	✓	I am state licensed and	l/or approved.				
		-	AND				
	Yes No		Master's Degree				
3.		l obtained a Master's of Chemistry, Engineering	degree or higher with no g, Radiation Science (inc	less than 20 sem cluding Health or	ester hours in physic Medical Physics).	cs, in: Physic:	S,
4.		I obtained a Master's	degree or higher and have of mammography facilities	e at least 20 con		ented special	ized training
		I obtained a Master's	degree or higher and have	es. re experience cor	ducting surveys of a	nt least one	
5.		mammography facility	and 10 units under the o	lirect supervision	of a qualified medic	al physicist. (l	
	one survey of a specific unit within a period of 60 days may be counted towards the total requirement. If experience was acquired after April 28, 1999, it must be under the direct supervision of a qualified medical						
	experience was acquired after April 28, 1999, it must be under the direct supervision of a qualified medical physicist.)						
OR							
	Yes No (ONLY if qualified under FDA's Interim Regulations, PRIOR to April 28, 1999)						3
6.			s degree prior to April 28				sics, in:
0.	<u> </u>		gineering, radiation scien				
7.		specialized training in	s degree prior to April 28 conducting surveys of m	ammography faci	lities.		
8.		l obtained a Bachelor	s degree prior to April 28	, 1999, and have	conducted surveys	of at least one	9
		be counted towards th	and 20 units. (No more to total requirement.)	nan one survey o	or a specific unit with	in a period or	ou days may
	,			ND			
9.	l rece		y-specific training prior to				ns:
		<u> </u>	igital mammography <u> </u>	VD	(DBT) [Screen-iiii	11	
	Yes No		Continuing Requir	ements – Mu			
10.		I performed surveys of	2 facilities and 6 units ov	er the previous th	e 24 months period.		
		Yes N	o If you answered are you in the pr	No" to the questi ocess of requalify	on above (less than ying?	2 facilities an	id 6 units),
11.			15 CMEs in mammogra				
		Yes N		lo" to the question ocess of requalify	n above, (less than ' ying?	15 CMEs in 3	6 months)

I certify that the information provided on this document is true and correct.

Executed on: 7/3/24 Executed on: DATE Erin L. France
SIGNATURE OF MEDICAL PHYSICIST

Physics Associates, LLC Roanoke, Virginia LIST OF MAMMO SURVEYS AND SU

LIST OF MAMMO SURVEYS AND SURVEYOR

Lee S. Anthony, Jr., B.S., M.A. (LSAJr.); Erin L. France, M.S. (ELF)

James Wait, M.S. (JW)

May 15th, 2022 – May 15, 2024

June 8,2022	Smyth County Community Hospit Marion, VA Lorad/Hologic; Selenia Dimension	
	Room 1	LSAJr.
June 9, 2022	LewisGale Medical Center Salem, VA #43455; Room 2	LSAJr.
June 23, 2022	Greenbrier Clinic White Sulphur Springs, WV G.E. Essential	LSA,Jr.
June 27, 2022	SOVAH Martinsville G.E. Essential Room 1 Martinsville, VA	LSAJr.
June 30, 2022	Buchanan General Hospital Grundy, Virginia Selenia Dimensions	LSAJr.
July 7, 2022	Bath County Community Hosptia Siemens Revelation	l SAJr.
July 11, 2022	Hot Springs, VA LS FPC Prison Alderson, WV	
	G.E. Senographe Essential	LSAJr.
July 13, 2022	SOVAH Health Danville Diagn. In Danville, VA	maging
	Room 1; GE #44948	LSAJr.
August 17, 2022	Russell County Medical Center Lebanon, VA Digital Lorad Selena	LSAJr.

September 6, 2022	Raleigh General Hospital G.E. Senographe Essential Digital Mammography	LSAJr.
<u>September 26, 2022</u>	Augusta Health Fishersville, VA #31138, Lorad Selenia Room 2	LSAJr.
October 7, 2022	LewisGale Brambleton Roanoke, VA Essential, Room 1	LSAJr.
October 26, 2022	LewisGale Pulaski Pulaski, VA Lorad Selenia Hologic	LSAJr.
<u>November 3, 2022</u>	LewisGale Montgomery Outpatie Blacksburg, VA	•
	Room 2 Hologic #44681	LSAJr.
November 9, 2022	LewisGale Montgomery Outpatien Blacksburg, VA	nt Imaging
	Room 1 Hologic #44681	LSAJr.
<u>November 10, 2022</u>	Sycamore Shoals GE, Senographe Essential Control #46 Elizabethton, TN	ELF
November 11, 2022	Augusta Health, Stuart's Draft, VA	LSAJr.
November 15, 2022	Harlan Appalachian Regional Ho Hologic Selenia	spital
	Harlan, KY	ELF
<u>December 2, 2022</u>	LewisGale Medical Center Salem, VA Room 2	LSAJr.
<u>December 15, 2022</u>	Greenbrier Clinic White Sulfur Springs, WV	LSAJr.
<u>December 30, 2022</u>	Ballad Health Johnston Memorial Abingdon, VA	i

	Hologic MammoRoom 3	LSAJr.
<u>January 12, 2023</u>	Augusta Health Fishersville, VA #41405 Room 1	LSAJr.
<u>January 13, 2023</u>	Augusta Health Fishersville, VA #49487 Room 2	LSAJr.
<u>January 16, 2023</u>	Twin County Regional Hos Galax, VA Mammo #49531	spital LSAJr.
<u>January 17, 2023</u>	SOVAH Martinsville Pristina Room 2	LSAJr.
<u>January 27, 2023</u>	Augusta Health Breast Cer Fishersville, VA #49524	nter LSAJr.
<u>January 30, 2023</u>	LewisGale Hospital Salem, VA Room 1, #43585	LSAJr.
March 8, 2023	Medical Care Elizabethton, TN Fuji Mammo	LSAJr.
<u>April 5, 2023</u>	Rainelle Medical Center Rainelle, WV Siemens Revelation 2D & 1	DBT LSAJr.
April 27, 2023	Johnston Memorial Hospit Women's Center Abingdon, VA Dimensions 3D Tomo	tal LSAJr.
May 9, 2023	SOVAH Health Danville D	Diagn. Imaging

	Danville, VA Room 1; GE #44948	ELF
June 9, 2023	Buchanan General Hospital Grundy, VA G.E. Essential	LSAJr.
June 29, 2023	SOVAH Martinsville Martinsville, VA G.E. Pristinia Rm.#	LSAJr.
<u>June 29, 2023</u>	The Greenbrier Clinic White Sulphur Springs, WV G.E. Essential	ELF
<u>June 28, 2023</u>	LewisGale Medical Center Salem, VA #43455; Room 2	LSAJr.
<u>July 6, 2023</u>	Bath County Community Hospital Siemens Revelation Hot Springs, VA LSAJr.	
August 18, 2023	Russell County Medical Center Lebanon, VA Digital Lorad Selena	LSAJr.
<u>September 5, 2023</u>	Raleigh General Hospital G.E. Senographe Essential Digital Mammography	LSAJr.
September 18, 2023	LewisGale Alleghany Low Moor, VA GE Pristina	LSAJr.
<u>September 19, 2023</u>	Wythe County Community Hospital Wytheville, VA LSAJr. G.E. Essential Mammo	
<u>September 23, 2023</u>	Augusta Health Fishersille, VA #49428, Lorad Selenia Room 3	LSAJr.
October 4th, 2023	Smyth County Community Hosp	ital LSAJr.

Marion, VA

Lorad/Hologic; Selenia Dimensions Room 1

October 6th, 2023 LewisGale Brambleton LSAJr.

Roanoke, VA Essential, Room 1

October 16th, 2023 Lewis Gale Pulaski LSAJr.

Pulaski, VA

Lorad Selenia Hologic

October 20th, 2023 Sycamore Shoals ELF

Elizabethton, TN

New Mammo Hologic Mammo

November 2nd, 2023 Surgical Center of the Virginias LSAJr.

New Mammo Hologic Mammo

November 10th, 2023 Lewis Gale Montgomery Outpatient Imaging

Blacksburg, VA LSAJr.

Room 2 Hologic #44681

November 17th, 2023 Lewis Gale Montgomery Outpatient Imaging

Blacksburg, VA LSAJr.

Room 1 Hologic #52673

November 16th, 2023 Augusta Health

Stuart's Draft, VA LSAJr.

Room 6 Hologic #54523

November 6th, 2023 Harlan Appalachian Regional Hospital

Hologic Selenia

Harlan, KY LSAJr.

November 18th, 2023 Surgical Center of the Virginias LSAJr.

<u>December 21st, 2023</u> RGH Medical Complex LSAJr.

December 26, 2023 Greenbrier Clinic

White Sulfur Springs, WV LSAJr.

December 30, 2022 Ballad Health Johnston Memorial

Abingdon, VA

Hologic Mammo Room 3 LSAJr.

January 11th, 2024 Ballad Health Johnston Memorial

Abingdon, VA

<u>January 11, 2024</u>	Hologic Mammo Room 3 Augusta Health Fishersville, VA #41405 Room 1	LSAJr.	
<u>January 12, 2024</u>	Augusta Health Fishersville, VA #49487 Room 2	LSAJr.	
<u>January 13, 2024</u>	LewisGale Medical Center Salem, VA Room 1	LSAJr.	
January 14, 2024	LewisGale Medical Center Salem, VA Room 2	LSAJr.	
<u>January 15, 2024</u>	Twin County Regional Hospital Galax, VA Mammo #49531 LSAJr		
<u>January 17, 2024</u>	Augusta Health Breast Cer Fishersville, VA #49524	nter LSAJr.	
<u>January 25, 2024</u>	Pocahontas Memorial Hos	pital LSAJr.	
<u>January 26, 2024</u>	SOVAH Martinsville Pristina Room 2	LSAJr.	
February 9th, 2024	CRU-Bluefield Mammo #45154	LSAJr.	
<u>January 12, 2024</u>	Augusta Health Fishersville, VA #41405 Room 1	LSAJr.	
April 15th, 2024	Twin County Hospital Galax, Va	LSAJr.	

April 25th, 2024

Rainelle Medical Center Rainelle, WV Siemens Revelation 2D & DBT ELF