Iowa Department of Public Health
Promoting and Protecting the Health of Iowans

Gerd W. Clabaugh, MPA
Director

Terry E. Branstad
Governor

Kim Reynolds
Lt. Governor

February 1, 2016

Gordon Axt
Health Physics Associates
P.O. Box 3351
Iowa City, Iowa 52244

Dear Mr. Axt,

This letter is to verify that you have met the Iowa registration requirements for a medical physicist in:

Mammography: Film/Screen

Mammography: Digital

Tomosynthesis – Hologic, GE, Siemens

Stereotactic

Therefore, you are permitted to perform all those procedures required under Iowa Radiation machines and Radioactive Materials Rules for the above categories. This registration expires April 28, 2017.

Each facility where you provide medical physics services must have a copy of this Medical Physics Approval letter.

Thank you for your cooperation. Please call 515-285-0405 for mammography or 515-281-0419 for radiation therapy if you have any questions.

Sincerely,

Angela Leek MS, Bureau Chief
Bureau of Radiological Health
Division of ADPER/EH
Iowa Department of Public Health
515/281/3478 – Office
515/281/4529 – FAX
Angela.leek@idph.iowa.gov

AL/jak

MEDICAL COLLEGE OF WISCONSIN

MTMI

Medical Technology Management Institute

THIS CERTIFIES THAT:

Gordon Axt

HAS SUCCESSFULLY COMPLETED THE SEMINAR ENTITLED:

"19TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS"

October 3 - 4, 2015

held in Boston, MA

This seminar provides 15.75 hours 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.
This seminar includes 8 hours training on the surveying of digital mammography units,
3 hours on stereotactic breast biopsy units, and 2.5 hours on digital breast tomosynthesis (DBT).
This training includes the unique features of the Hologic, GE and Siemens DBT units.

18.75 hours of Category A credit for Radiologic Technologists have been approved by the ASRT.
Day 1 (9.75) credits ASRT# WID0105036 (10/05/15) Day 2 (9.0) credits ASRT# WID0105037 (10/05/15)

J. Ed Barnes, Ph.D.

Co-Directors: Charles Wilson, Ph.D., FACR, FAAPM
J. Ed Barnes, Ph.D., FACR, FAAPM

MTMI
W140 N8917 Lilly Rd.
Menomonee Falls, WI
A continuing education division of Herzing University

MTMI

Medical Technology
Management Institute

This Certifies That:

Gordon Axt

Has Successfully Completed The Workshop Entitled:

"HANDS-ON DIGITAL BREAST TOMOSYNTHESIS FOR PHYSICISTS - GE SENOCLAIRE"

August 22-23, 2015
held in Milwaukee, WI

This activity provides **8.0** hours of continuing education in Digital Breast Tomosynthesis.
Approval has been received from CAMPEP for up to 8.0 hours of Medical Physics Continuing Education Credits (MPCEC'S)
This seminar satisfies the MQSA requirement of **8.0** hours of training in a new mammographic modality specifically on the **GE SenoClaire Digital Breast Imaging System.**
This program has been approved for **7.75** hours of Category A credit for Radiologic Technologists by the ASRT
ASRT# (WID0085002) (08/24/15)

J. Ed Barnes, Ph.D.

Co-Directors: J. Ed Barnes, Ph.D., FACR, FAAPM
Jerry Thomas, MS, DABR, CHP,DASNM

MTMI
W140 N8917 Lilly Road
Menomonee Falls, WI 53051
A continuing education division of
Herzing University

MTMI

Medical Technology
Management Institute

MEDICAL COLLEGE OF WISCONSIN

THIS CERTIFIES THAT:

Gordon Axt

HAS SUCCESSFULLY COMPLETED THE SEMINAR ENTITLED:

"17TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS"

February 1-2, 2013

held in Las Vegas, NV

This seminar provides 15.5 hours 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).

This seminar includes 8.5 hours training on digital mammography units, 1.75 hours on breast tomosynthesis and 3 hours on stereotactic breast biopsy units.

18.5 hours of Category A credit for Radiologic Technologists have been approved by the ASRT.

Day 1 (9.5) credits ASRT# WID0023003; Day 2 (9.0) credits ASRT# WID0023004

J. Ed Barnes, Ph.D.

Co-Directors: Charles Wilson, Ph.D., FACR, FAAPM
J. Ed Barnes, Ph.D., FACR, FAAPM

MTMI
20900 Swenson Drive, Suite 650
Waukesha, WI 53186
A continuing education division of Herzing University

MTMI

Medical Technology
Management Institute

THIS CERTIFIES THAT:

Gordon E. Axt

HAS SUCCESSFULLY COMPLETED THE LIVE WEBINAR ENTITLED:

DIGITAL BREAST TOMOSYNTHESIS(SESSION1)

Mar 6, 2012

This program has been approved for 2.5 hours of Category A continuing education credit for Radiologic Technologists as required by the ARRT and by various states requiring approval.

ASRT# WID0032016 and 2.5MPCECs

J. M. Thomas, Ph.D.
Program Director

20900 Swenson Drive, Ste 650
Waukesha, Wisconsin 53186
(800)765-6864

MTMI

Medical Technology
Management Institute

THIS CERTIFIES THAT:

Gordon E. Axt

HAS SUCCESSFULLY COMPLETED THE LIVE WEBINAR ENTITLED:

DIGITAL BREAST TOMOSYNTHESIS(SESSION2)

Mar 8, 2012

This program has been approved for 2.5 hours of Category A continuing education credit for Radiologic Technologists as required by the ARRT and by various states requiring approval.

ASRT# WID0032017 and 2.5MPCECs

J. H. Barnes, Ph.D.
Program Director

20900 Swenson Drive, Ste 650
Waukesha, Wisconsin 53186
(800)765-6864

MEDICAL PHYSICIST'S MAMMOGRAPHY QC TEST SUMMARY

Trainee or Assistant Log

Site	Grandview Reg. Hth. Center	Survey Date	10/2/12
		Room ID	Mammo
X-Ray Unit Manufacturer	Hologic	Model	Dimensions
Supervising Medical Physicist	Roger VanSchuyver	Signature	Roger VanSchuyver
Trainee or Assistant	Courtney Hart	Signature	Courtney E. Hart

Medical Physicist's QC Tests Performed by the Trainee or Assistant

1. Mammographic Unit Assembly Evaluation	
2. Collimation Assessment	
3. Evaluation of Focal Spot Performance	
4. Automatic Exposure Control (AEC) System Performance	
5. Uniformity of Screen Speed	
6. Artifact Evaluation	
7. Phantom Image Quality Evaluation	
8. kVp Accuracy and Reproducibility	
9. Beam Quality (Half-Value Layer) Assessment	
10. Breast Entrance Exposure, Average Glandular Dose, AEC Reproducibility, and Radiation Output Rate	
11. Viewbox Luminance and Room Illuminance	
Evaluation of Site's Technologist QC Program	

3.3 mAs

Comments:

Topics Covered

Detector Calibrations

- Dark Offset
- Gain/kV Calibration
- AEC Dose Calibration

QC Testing

- Artifact Evaluation
- Evaluation of System Resolution
- AEC Function Performance
- AEC Reproducibility
- Phantom Image Quality
- SNR/CNR

Roger VanSchuyver

MTMI

Medical Technology
Management Institute

THIS CERTIFIES THAT:

Gordon E. Axt

HAS SUCCESSFULLY COMPLETED THE LIVE WEBINAR ENTITLED:

DIGITAL BREAST TOMOSYNTHESIS(SESSION1)

Mar 6, 2012

This program has been approved for 2.5 hours of Category A continuing education credit for Radiologic Technologists as required by the ARRT and by various states requiring approval.

ASRT# WID0032016 and 2.5MPCECs

J.P. Bernard, Ph.D.
Program Director

20900 Swenson Drive, Ste 650
Waukesha, Wisconsin 53186
(800)765-6864

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THIS CERTIFIES THAT:

Gordon E. Axt

HAS SUCCESSFULLY COMPLETED THE LIVE WEBINAR ENTITLED:

DIGITAL BREAST TOMOSYNTHESIS(SESSION2)

Mar 8, 2012

This program has been approved for 2.5 hours of Category A continuing education credit for Radiologic Technologists as required by the ARRT and by various states requiring approval.

ASRT# WID0032017 and 2.5MPCECs

J.P. Bernard, Ph.D.
Program Director

20900 Swenson Drive, Ste 650
Waukesha, Wisconsin 53186
(800)765-6864

MEDICAL PHYSICIST'S MAMMOGRAPHY QC TEST SUMMARY
Trainee or Assistant Log

Site	Grinnell Reg. Med. Center	Survey Date	9/7/12
		Room ID	Mammo
X-Ray Unit Manufacturer	Hologic	Model	Dimensions
Supervising Medical Physicist	Roger VanScoyoc	Signature	
Trainee or Assistant	Courtney Ehret	Signature	

Medical Physicist's QC Tests Performed by the Trainee or Assistant

1. Mammographic Unit Assembly Evaluation	
2. Collimation Assessment	
3. Evaluation of Focal Spot Performance	
4. Automatic Exposure Control (AEC) System Performance	
5. Uniformity of Screen Speed	
6. Artifact Evaluation	
7. Phantom Image Quality Evaluation	
8. kVp Accuracy and Reproducibility	
9. Beam Quality (Half-Value Layer) Assessment	
10. Breast Entrance Exposure, Average Glandular Dose, AEC Reproducibility, and Radiation Output Rate	
11. Viewbox Luminance and Room Illuminance	
Evaluation of Site's Technologist QC Program	

3.3 MS

Comments:

Topics Covered

Detector Calibrations
- Dark Offset
- Gain/Flat Calibration
- AEC Dose Calibration

QC Testing
- Artifact Evaluation
- Evaluation of System Resolution
- AEC Function Performance
- AEC Reproducibility
- Phantom Image Quality
- SNR/CNR

Roger VanScoyoc

MTMI

Medical Technology Management Institute

MEDICAL COLLEGE OF WISCONSIN

THIS CERTIFIES THAT:

Gordon Axt

HAS SUCCESSFULLY COMPLETED THE SEMINAR ENTITLED:

"14TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS"

October 2 - 3, 2010

held in Washington, DC

This seminar provides 15 hours 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).

This seminar includes 7.75 hours training on the surveying of digital mammography units, and 3 hours on surveying stereotactic breast biopsy units.

J. Ed Barnes, Ph.D.

Co-Directors: Charles Wilson, Ph.D., FACR
J. Ed Barnes, Ph.D., FACR

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