

Curriculum Vitae

Tony D. Murphy, MS DABR

Contact Info: Phone: (612) 961-1232 E-mail: tony@midwestphysics.com

Degrees: MS - Medical Physics, University of Wisconsin-Madison, 1991
BS – Physics, Western Kentucky University, 1989

Board Certification: American Board of Radiology - Therapeutic Radiology, June 1995
American Board of Radiology – Diagnostic Radiology, Nov 2000

Experience: *President, Midwest Medical Physics LLC, 2007-Present*
Chief Medical Physicist, CentraCare Health Systems, 1999 – 2007
Clinical Medical Physicist, Abbott-Northwestern Hospital, 1991 – 1999
Instructor, School of Radiation Therapy Abbott Northwestern Hospital, 1993 – 1999
Medical Physicist Intern, Radiation Oncology, Mayo Clinic, Rochester, MN June-Sept 1991
Research Assistant, University of Wisconsin ADCL, Madison, Wisconsin, 1990 - 1991
Research Assistant, Ultrasound Division of Medical Physics, Univ of Wisconsin, 1990
Research Assistant, Dr. George Vourvopoulos, Western Kentucky University, 1987-89
Research Assistant, Holifield Heavy Ion Research Facility, Oak Ridge Nat'l Laboratory, 1987

Society Memberships: American Association of Physicists in Medicine (AAPM)
North Central Chapter - AAPM – (*Secretary/Treasurer 1994-1998*)
Minnesota Radiological Society (MRS)
American College of Radiology (ACR)

Service History: AAPM Board of Directors – 2014-2016
AAPM North Central Chapter, Secretary/Treasurer – 1995-1998
AAPM Task Group 11 – Credentialing – 2001
AAPM Task Group 12 – Solo Practice of Radiology – 2001-2003
AAPM Clinical Practice Committee – 2001-2003
AAPM Regional Organization Committee – 2015-2016
AAPM Meeting Reviewer – 2016
Minnesota Department of Health 4732 Advisory Committee – 2016-Present
Minnesota Radiation Emergency Volunteers (MDH) – 2013-Present
Allina Health System, RSO and Radiation Safety Committees (various) – 2018-Present
M Health Fairview East Region, RSO and Radiation Safety Committee – 2008-Present
CentraCare Health Systems, RSO and Radiation Safety Committee – 2010-Present

Continuing Education:

CAMPEP Medical Physics Credits –

See transcripts for specifics for each category

Category specific credits	/-----/-----	Mammography	<i>see transcript for details of</i>
	\-----	CT	<i>credit hours in each area</i>
	\-----	NM/PET	<i>(**note that general CEU's may</i>
	\-----	US	<i>count toward modality totals**)</i>

MQSA Mammography Qualification Status:

- Certified by American Board of Radiology in Diagnostic Radiological Physics
- Meet interim rules for MQSA qualified medical physicist
- See Attestation Form following regarding previous experience and training
- Met 8 hours requirement for FFDM surveys – new modality training
- Met 8 hours requirement for 3D Mammography surveys – new modality training

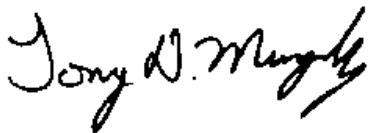
ATTESTATION FORM

Regarding Requirements of the Mammography Quality Standards Act

I, **Tony D. Murphy, MS**, 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 the FDA may request additional information to substantiate the statements made in this declaration:

- 1) Prior to 10/1/94, I have received greater than 40 hours of training in medical physics relating to mammography physics. This training was obtained at the University of Wisconsin during my acquisition of the Masters of Science degree during the time period from 9/89 to 5/91. This training included coursework in the biological sciences. Please see attached copy of degree certificate.
- 2) Prior to 10/1/94, I have conducted surveys on greater than 20 mammography units. This includes approximately 15 units tested in 1992, 25 units in 1993, and 30 units in 1994. The first year of my surveys was under the training supervision of J. Thomas Payne, Ph.D., certified by the ABR in Radiological Physics.

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 liability under the MQSA or both.



_____, Medical Physicist

Attestor's Signature and Title

10/4/96

Date First Attestation Signed

Facility Name and Address (if applicable):
(including zip code)

Facility ID Number (if applicable)
(from the Facility's MQSA certificate)

Digital Mammography Education Program

Medical Physicist's Equipment Performance Evaluation for Full Field Digital Mammography (FFDM)

Instructor: William N. Salk, MS DABR

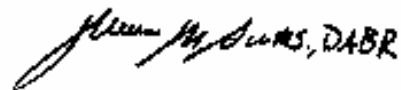
Date: October 14, 2006

Location: CentraCare Health Plaza, St. Cloud, MN

Schedule of activities:

- | | |
|-------------|--|
| 8:00-10:00 | ACR Accreditation program for FFDM – Review Powerpoint presentation material from Priscilla Butler, M.S. |
| 10:00-11:00 | Clinical Experience with Digital Mammography – Review Powerpoint presentation material from Lonie Salkowski, M.D. |
| 11:00-12:00 | A Review of Full Field Digital Mammography Technology – Review Powerpoint presentation material from J. Ed Barnes, Ph.D, FACR |
| 12:30-1:00 | Artifacts from Film-Screen and Digital Units – Review Powerpoint presentation material from Charles Wilson, Ph.D. |
| 1:00-1:30 | Review of FFDM Manufacturers QC Procedures, User Interface and Data Analysis (Fischer) – Review Powerpoint presentation material |
| 1:30-2:00 | Review of FFDM Manufacturers QC Procedures, User Interface and Data Analysis (GE) – Review Powerpoint presentation material |
| 2:00 -3:00 | Review of FFDM Manufacturers QC Procedures, User Interface and Data Analysis (LoRad) – Review Powerpoint presentation material |
| 3:00-3:30 | Review of FFDM Manufacturers QC Procedures, User Interface and Data Analysis (Siemens) – Review QC manual |
| 3:30-4:00 | Full Field Digital Mammography Surveying Experience – Review Powerpoint presentation material from Charles Wilson, Ph.D. |

I certify that Anthony D. Murphy, M.S. DABR attended the course described above and received eight (8) hours of continuing education in medical physics related to full field digital mammography.



William N. Salk, MS DABR

HOLOGIC™

The Women's Health Company



Hereby awards this Certificate of Completion to

Tony Murphy, MS DABR

For completing 3 hours of **HOLOGIC's** Online Tomosynthesis Training
For Medical Physicists in accordance with MQSA guidance for Digital 3-D Mammography Systems*

Selenia® Dimensions® Quality Control and Set-up Procedures

On this Date: October 31, 2012

Authorized by: _____

VP, Product and Clinical Education, Breast Health

* MQSA guidelines require each Medical Physicist to complete eight hours of product training prior to using the Selenia Dimensions™ for clinical use.

Initial training for Hologic
Dimensions Tomosynthesis

HOLOGIC™

The Women's Health Company



Hereby awards this Certificate of Completion to

Anthony D. Murphy, MS DABR

*For completing **Five** hours of **HOLOGIC's** product training in accordance with MQSA guidance for Digital 3-D Mammography Systems**

Selenia Dimensions™ Quality Control and Set-up Procedures

On this Date: Nov 2, 2012

Authorized Instructor: Yvonne Stanek, NXC Imaging

** MQSA guidelines require each Medical Physicist to complete eight hours of product training prior to using the Selenia Dimensions™ for clinical use.*

Initial training for Hologic
Dimensions Tomosynthesis

CERTIFICATE of COMPLETION

This is to certify that:

Murphy Tony

successfully completed

MAMMOMAT Inspiration Tomosynthesis for Medical Physicists

This 3.0 hour web based training on Siemens Tomosynthesis

for Digital 3-D Mammography Systems. Training includes Siemens unique feature training.

Initial training for Siemens
Mammomat Tomosynthesis

Course ID: 90010613

Completion Date: 04/28/2016

Credits Type/Earned: 3 Category A

Approving Organization: AHRA

Reference Number: END1784

Approved Date Range: 08/13/2015 - 08/31/2016

SIEMENS



Nanci L. Wozniak, BS, RT(N), CNMT
Vice President, Education Services

Certificate of Completion

Tony Murphy, MS, DABR

In recognition of successful completion of the GE Healthcare
Digital Breast Tomosynthesis Supplemental Training Program



Jessie Jacob, MD, MMM
GE Chief Medical Officer, Women's Health

May 6, 2015

Initial training for GE
Tomosynthesis



GE Healthcare

The American Board of Radiology

*Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America,
the Section on Radiology of the American Medical Association,
the American Society for Therapeutic Radiology and Oncology, the Association of
University Radiologists, and American Association of Physicists in Medicine*

Hereby certifies that

Anthony Douglas Murphy, M.S.

*Has pursued an accepted course of graduate study
and clinical work, has met certain standards and qualifications and
has passed the examinations conducted under the authority of*

The American Board of Radiology

On this fifth day of November, 2000

*Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of*

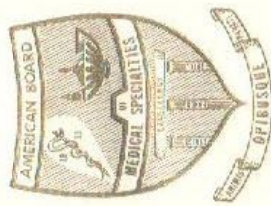
Diagnostic Radiologic Physics



R. P. Hooten
President

Alan A. Seibel, M.D.
Secretary-Treasurer

W. V. O. C. P., A. D.
Executive Director



The American Board of Radiology

Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America,
the Section on Radiology of the American Medical Association,
the American Society for Therapeutic Radiology and Oncology, the Association of
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Anthony Douglas Murphy, M.S.

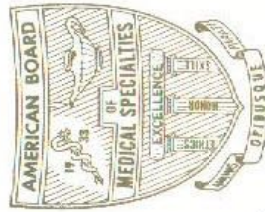
Has pursued an accepted course of graduate study
and clinical work, has met certain standards and qualifications and
has passed the examinations conducted under the authority of

The American Board of Radiology

On this seventh day of June, 1935

Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of

Therapeutic Radiological Physics



Anthony Douglas Murphy, M.D. William Jewell, M.D. M. Paul Capp, M.D.
President Secretary-Treasurer Executive Director

University of Wisconsin-Madison



The Board of Regents of the University of Wisconsin System,
on the nomination of the faculty, has conferred upon

ANTHONY DOUGLAS MURPHY

The Degree of

MASTER OF SCIENCE
MEDICAL PHYSICS

Together with all honors, rights, and privileges belonging to that degree.

In witness whereof, this diploma is granted.

Given at Madison in the State of Wisconsin
this nineteenth day of May in the year nineteen hundred ninety-one
and of the University the one hundred forty-first.

Kenneth A. Shaw

President, University of Wisconsin System

James T. Stelch

Chancellor, University of Wisconsin-Madison

Thomas H. Kellum

President of the Board of Regents