

MASTER DATA FOR MEDICAL PHYSICIST, PH.D.

Personal Data / Contact Information:

Name: Medical Physicist, PhD, DABR

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Education:

Undergraduate: (dates in paratheses are the recent graduate)

Western Kentucky University, Bowling Green KY

Bachelor of Science, 1990 (2008) Major: Electrical Engineering GPA: 3.75

Graduate:

University of Wisconsin, Madison WI

PhD in Medical Physics, 1996

Dissertation: "A clinical repudiation of the recently proposed, so-called Intensity Modulated Therapy"

(recent grad)

University of Cincinnati, Cincinnati OH

MS in Medical Physics, 2010

Professional Experience (6 positions):

Medical Physics Hospital, Denver, CO, Feb 2008 - Present

Chief Medical Physicist

I have ten years of experience in a facility that utilizes three Varian trilogies, Aria v10, and brainlab for SRS. Planning is performed using the latest version of Eclipse TPS. There is an active GYN HDR and LDR prostate program. Responsibilities include: Managing physics staff and physics work flow in a high volume hospital based radiation oncology center. Treatment planning experience includes 3D, IMRT, RapidArc, SRS, SBRT, HDR, and LDR. Routine accelerator QA, patient specific QA, and patient chart checks. Other experience includes extensive knowledge of Pinnacle TPS, Mosaiq R&V, and experience with Elekta accelerators.

<or>

University of Florida Health - Shands Hospital, Gainesville, FL: Feb 2008 – Present

Radiation Safety Officer

Duties: Manages all aspects of the cancer center radiation safety program; assists staff physicists with linear accelerator quality assurance; maintains departmental safety policies and procedures; provides radiation safety training to all staff; reviews research protocols for experimental treatments.

University of State Medical Center, Oklahoma City, OK: June 2000 – Feb 2008

Solo Medical Physicist

Duties: Solely responsible for performing IMRT QA with MapCheck; created three dimensional treatment plans with ADAC Pinnacle; fabricated Cerrobend blocks, measured cutout factor and performed second check plans with RadCalc; assisted with quality assurance tests for Elekta Precise linear accelerator; assisted with I-131 procedures; performed weekly chart checks with direct supervision.

Our Lady of Medical Physics Cancer Center, Topeka KS: July 1996 - May 2000

Medical Physicist

Duties:

1 of 3 medical physicists for 3 centers (one main, two satellite) Machine QA for 4 Varian Medical Accelerators. Oversight of LDR Cs-137 GYN implants. Planning 3D plans Pinnacle ADAC. measuring block output factors for cerrobend blocks. Hand calc 2nd checks of treatment plans.

(Recent Grad)

Virginia Commonwealth University, Richmond VA July 2010 – July 2012

Medical Physics Resident

I have two years of experience performing routine accelerator QA on Elekta accelerators, HDR daily QA, and chart checks for 30 patients per week in a paperless environment utilizing Mosaic. I perform all patient-specific IMRT QA with MapCHECK2, and VMAT QA with ArcCheck. I have some experience with IGRT QA, HDR GYN treatment planning using Oncentra, prostate seed planning with Variseed, and external beam planning with Pinnacle 9.2.

(Recent Grad)

County General Hospital, Springfield IL Aug. 2012 - present

Medical Physicist

One of two medical physicists covering two centers. The main campus, and a satellite facility in the neighboring community. General duties include the routine QA of 3 linear accelerators, oversight of two dosimetrists, prostate brachytherapy (variseed), Aria R&V, Eclipse external beam planning, BrainLab SRS. Participated in the commissioning of RapidArc on 2 of three accelerators. Routine HDR QA (Nucletron), Mammosite/Contura, Tandem and Ring, Vag cylinder.

Licensure and Certification:

Certified by American Board of Radiology in Therapeutic Radiologic Physics (year?)

1. Authorized Medical Physicist on NRC RAM license for HDR brachytherapy
2. Radiation Safety Officer on NRC RAM license
3. Licensed by State of FL (2008)
4. Certified Radiation Expert, State of OH (what year?)
5. Qualified Expert, State of KY (what year?)

Professional Society Membership:

AAPM
(ACR)

Professional Service:

(AAPM, journal reviewer, meeting reviewers)

AAPM Placement Services Subcommittee :)

AAPM Professional Economics Subcommittee

(should you also add if you are just a guest in a committee?)

Publications:

References:

"Available on request"

Should have prepared on separate page / formatted same as CV/resume

Statement of Purpose / Professional Summary:

I am a board-certified medical physicist with eight years of clinical experience in radiation oncology and radiology, competent in treatment planning and treatment delivery. I have extensive hands-on experience with and understanding of quality assurance for linear accelerators and basic experience in diagnostic radiology QA.