

M E D I C A L P H Y S I C I S T , P H D , D A B R
Passed Part 2 of the Therapeutic Radiological Physics Exam
ONE PHYSICS ELLIPSE, COLLEGE PARK, MD 20740
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EDUCATION

University of Cincinnati CAMPEP accredited Masters of Science, Medical Physics	Cincinnati, OH 8/08 – 6/10
Western Kentucky University Bachelors of Science, Electrical Engineering	Bowling Green, KY 8/04 – 5/08

EMPLOYMENT

County General Hospital Medical Physicist	Springfield, IL 8/12 – Present
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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. Routine HDR QA and planning.

Virginia Commonwealth University Medical Physicist Resident	Richmond, VA 7/10 -7/12
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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 Mosaic environment. I perform patient-specific IMRT and VMAT QA. 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.

- **Commissioning/Acceptance Testing:** Participated in the commissioning of RapidArc on 2 of three accelerators.
- **HDR planning and morning QA** is performed with the Nucletron Microselectron remote after loader, and Oncentra TPS. Proficient with the planning of T&O, vaginal cylinder, endobronchial, Mammosite, and Contura.
- **Prostate Seed Implants:** All aspects of I-125 prostate seed implants. Including pre-op ultrasound image acquisition with radiation oncologist, pre-planning using Variseed TPS, source ordering, source assay, operating room support, and post implant dosimetry. Trained at the Seattle Prostate Institute.
- **SRS:** Brainlab SRS planning and QA

- **Treatment Planning:** Assist dosimetrist with difficult IMRT and 3D planning utilizing Eclipse TPS and prostate seed treatment planning with Variseed TPS. Some planning experience with Pinnacle 9.2.
- **Accelerator Calibration** is performed on a monthly under the supervision of the senior physicist
- **Chart Checks, Patient QA:** Checks are performed utilizing the Mosaiq and Aria Record and Verify systems and MUcheck. Patient specific QA is performed with Sun Nuclear MapCheck, MapCheck2, or ArcCheck.

PROFESSIONAL SERVICES

AAPM Placement Services Subcommittee
AAPM Professional Economics Subcommittee

ADDITIONAL TRAINING

Prostate Seeding at the Seattle Prostate Institute

PROFESSIONAL ORGANIZATIONS

American Association of Physicists in Medicine

References upon request