Priya Raman

Associate Medical Physicist

Grand Rapids, MI • (616) 555-0143 • priya.raman@email.com
linkedin.com/in/priyaraman

SUMMARY

Board-eligible Associate Medical Physicist who finished a CAMPEP-accredited residency in 2025 and has passed ABR Parts 1 and 2. Performs quality assurance, IMRT and VMAT plan checks and brachytherapy support for a 3-linac department while preparing for the ABR oral exam.

EDUCATION

Master of Science 05/2023

University of Wisconsin-Madison Madison, WI

Medical Physics

EXPERIENCE

Associate Medical Physicist 08/2025 - Present

Lakeshore Radiation Oncology Grand Rapids, MI

Junior physicist in a 2-site practice working under the supervision of a board-certified chief physicist.

- Perform weekly physics chart checks on about **70** active patients, flagging dose and documentation errors before treatment.
- Measure IMRT and VMAT patient-specific QA for 25 plans a week and document results in ARIA.
- Run daily and monthly linac quality assurance on 3 machines following TG-142 tolerances.
- Create HDR brachytherapy applicator plans for 6 gynecologic patients a month for physicist sign-off.

Medical Physics Resident 07/2023 - 07/2025

Great Lakes University Health Ann Arbor, MI

Two-year CAMPEP-accredited therapeutic residency with rotations at a 9-linac academic center.

- Completed 8 clinical rotations covering external beam, SRS, brachytherapy, CT simulation and radiation safety.
- Commissioned a new CT simulator with 2 staff physicists, including image quality and Hounsfield unit checks.
- Wrote a Python script that pulls daily output data from Eclipse and trends it for 9 linacs.
- Taught radiation safety basics to 40 new therapists and nurses during 4 orientation sessions.

SKILLS

Quality Assurance • Treatment Planning • IMRT • VMAT • Brachytherapy • Radiation Safety • Eclipse • ARIA Python • Communication Skills

CERTIFICATES

ABR Part 1, General and Clinical

American Board of Radiology

2023

ABR Part 2, Therapeutic Medical Physics

American Board of Radiology

2025