

# SIMARPREET SUTORIUS

Dosimetrist

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## PROFILE

Dedicated and detail-oriented Dosimetrist with 2 years of experience in creating and delivering precise radiation treatment plans for cancer patients. Proficient in utilizing advanced treatment planning software and collaborating effectively with multidisciplinary teams. Committed to ensuring patient safety and comfort while achieving optimal clinical outcomes. Continually seeking opportunities for professional growth and development in the field of radiation oncology.

## LINKS

[linkedin.com/in/simarpreetsutorius](https://www.linkedin.com/in/simarpreetsutorius)

## SKILLS

Eclipse Treatment Planning

Brachytherapy Planning

TomoTherapy

Pinnacle3 Software

IMRT Optimization

Gamma Knife Radiosurgery

D Conformal Radiotherapy

## LANGUAGES

English

Hindi

## HOBBIES

## EMPLOYMENT HISTORY

### ● Certified Medical Dosimetrist at New Hampshire Oncology-Hematology PA, NH

Mar 2023 - Present

- Developed and implemented a radiation treatment planning system that improved patient treatment accuracy by 25% and increased overall efficiency by 30%.
- Collaborated with a team of oncologists, physicists, and radiation therapists to optimize treatment plans for over 1,500 patients annually, resulting in a 10% reduction in treatment side effects and improved patient outcomes.
- Conducted extensive quality assurance tests on radiation therapy equipment, leading to a 15% increase in machine reliability and a 20% reduction in downtime for maintenance and repairs.
- Successfully trained and mentored three new dosimetrists, improving the department's overall productivity by 20% and reducing the need for external consultants.

### ● Medical Dosimetrist Trainee at Radiation Oncology Associates PA, NH

Jul 2021 - Feb 2023

- Successfully completed over 100 treatment plans for cancer patients, ensuring accurate radiation dose delivery and minimizing side effects.
- Collaborated with a team of radiation oncologists, physicists, and therapists to develop and implement optimal treatment strategies for patients, resulting in a 95% patient satisfaction rate.
- Streamlined the planning process by creating an efficient protocol for contouring organs at risk, reducing planning time by 30%.
- Assisted in the development and implementation of a new quality assurance program, which led to a 10% reduction in errors and improved overall patient safety.

## EDUCATION

### Bachelor of Science in Medical Dosimetry at University of New Hampshire, Durham, NH

Sep 2016 - May 2021

Relevant Coursework: Radiation Oncology Physics, Radiation Biology, Radiation Safety, Dosimetry Calculations, Treatment Planning, Brachytherapy, Quality Assurance, Imaging for Dosimetry, Clinical Practicum, and Research Methods in Medical Dosimetry.

## CERTIFICATES

### Medical Dosimetrist Certification Board (MDCB) Certification

Apr 2022