



vijendra pratap singh

Radiation Therapist

- 📍 (MAU) - UTTAR PRADESH
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- ✉ vijendrapratap04@gmail.com
- 👤 MALE
- 🎂 22-01-2004, PIWATAL MAU
- 👤 SINGLE
- 🌐 INDIAN

★ Skills

Patient Assessment



Conducts comprehensive patient assessments, including medical history reviews, to create individualized treatment strategies.

Brachytherapy Procedures



Administers brachytherapy treatments, including LDR and HDR techniques, maintaining sterility and precise positioning.

Side Effect Management



Identifies and proactively manages common radiation therapy side effects, implementing strategies to improve patient comfort.

📄 Summary

Dedicated Radiation Therapist with expertise in administering advanced radiation treatments and collaborating with multidisciplinary teams. Proficient

in patient positioning, monitoring, and ensuring adherence to safety protocols.

Committed to providing compassionate care and maintaining detailed treatment records. Holds a B.Sc. in Medical Technology Radiotherapy and enhancing patient communication and support.

📁 Professional Experience

AUGUST 2022 — SEPTEMBER 2025

Radiation Therapist, MMDU

AMBALA

- Experience with linear Accelerator (ELEKTA-VERSA HD)
- Experience with 4DCT simulator (Phillips)
- Experience with Brachytherapy unit (Flexitron CO-60)
- Experience with :-
 - IMRT
 - IGRT
 - VMAT
 - 3D, 2D
- Experience with MOULD ROOM TECHNIQUES and EQUIPMENTS:-
 - Thermoplastic
 - Vac Lock Preparation
 - Bolus Preparation
 - Customized shielding blocks and lead cutouts for electron beam therapy
- Experience with IMAGING TECHNIQUE:-
 - CBCT
 - 2DKV
- Experience with:-
 - SRS
 - SBRT
 - ABC
 - DIBH Techniques
- Able to do qe associated with this Dosimetric Equipments:
 - Phantoms (Water Phantom, Solid Water Phantom, Radiation Field Analyses)
 - Ion Chambers (Farmer Chamber, Parallel Plate Chamber, Well- Typed Chamber)
 - Electrometers
 - Survey Meter (GM Counter based)
- Practical Knowledge of:
 - Conventional and Palliative Therapy
 - Electron Beam Therapy

Continuing Education



Actively participates in continuing education courses, remaining current on the latest advancements in radiation therapy techniques.

Team Collaboration



Collaborates effectively with oncologists, physicists, and other healthcare professionals to deliver coordinated patient care.

Problem Solving



Resolves technical issues with radiation equipment and treatment plans by applying critical thinking skills and escalating concerns appropriately.

Radiation Safety Protocols



Strictly adheres to all radiation safety regulations and protocols, minimizing exposure risks for patients and staff.

Quality Assurance



Performs daily quality assurance checks on radiation equipment, ensuring accurate and consistent treatment delivery.

Documentation



Meticulously documents all treatment procedures, patient interactions, and quality assurance checks in electronic medical records.

Empathy



Provides compassionate and empathetic care to patients undergoing challenging cancer treatments, building trust and rapport.

Communication



Explains complex treatment procedures to patients and their families using clear, understandable language, fostering informed consent.

- Total Body Irradiation (TBI)
- Brachytherapy (Intracavitary)
- Maintained detailed and accurate patient records, documenting treatment parameters and observed responses.

Radiotherapy Technologist, MMDU

Personal skills

Handling Patient with Empathy and Care

•Good Communication and Interpersonal Skills

•Able to Identify Radiation induced toxicities and Coordinate with doctors to manage them Timely

•Independent Working ability and Good Team working skills.

•Handling of day to day machine trouble "shooting."

Projects

Presented seminar on Mould room techniques and Equipments

Presented seminar on Cell Cycle and Cell Survival Curve

Experience with

DBIH - deep breath inhalation

ABC -active breath control

Educational Qualifications

August 2022 — SEPTEMBER 2025

B.Sc in Medical Technology Radiotherapy, Maharishi

Markhadeshwar Institute of Medical science and research

INDIA, AMBALA MULLANA

CGPA -6.3

 mmdumullana.com

RADIOTHERAPY PLANNING AND TECHNIQUES

March 2018 — March 2020

SR SEC SCHOOL , DAWN WASCHO SCHOOL MAU

MAU (U.P)

70%

PHYSICS

CHEMISTRY

BIOLOGY

PHYSICAL EDUCATION

ENGLISH

Emotional Resilience



Maintains composure and professionalism when dealing with sensitive patient situations, supporting both patients and colleagues.

Treatment Planning Systems



Implements and verifies radiation treatment plans utilizing Varian Eclipse and Aria, ensuring accurate dose delivery.

Radiation Physics Principles



Applies comprehensive understanding of radiation physics to deliver safe and effective radiotherapy, adhering to strict protocols.

Imaging Interpretation



Interprets CT, MRI, and PET scans to accurately localize tumors and delineate target volumes for treatment.

Languages

ENGLISH

Native speaker



Hindi

Highly proficient



Certifications

BADMINTON CHAMPIONSHIP , RAJIV GANDHI STADIUM DELHI.

2nd rank

References

Dr.Rajeev k Seam, HOD

Department of Radiotherapy,MMU,Mullana,(Ambala)

 9418486567

Ms.SVS Bala, Assistant professor - MMU,Mullana(Ambala)

MMU,Mullana (Ambala)

Ms.Seema Punia, RSO

 9915478087

Declaration

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I take full responsibility for the accuracy of the details mentioned in this resume.

Date: _____

Place: _____

Signature: _____

Place:

Date: