



# Akshay Tyagi

## Radiotherapy Technologist

I intent to work with patients diagnosed with cancer and use radiated light to treat tumors.

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## WORK EXPERIENCE

### Radiotherapist Technologist Medanta

10/2019 - Present

*gurgaon*

#### Roles & Responsibilities

- As a Radiotherapist, I emphasize duties like ensuring **patient safety**, updating records, offering advice, **maintaining equipment**, and following **treatment plans** prescribed by oncologists. Also I wish to add value to myself by having a practical exposure to the prevailing management trends and practices.

### Radiotherapist Technologist Trainee Christian Medical College

10/2015 - 02/2019

*punjab*

## EDUCATION

### Bsc- Radiotherapy Christian Medical College

10/2015 - 02/2019

*passed with 1st division*

### Intermediate(12th) Central Board of Secondary Education

2014

*passed with 1st division*

### High school(10th) Central Board of Secondary Education

2012

*passed with 1st division*

## ROLES & RESPONSIBILITIES

Delivered radiation treatments to adult and pediatric patients according to treatment prescriptions

Calculated the precise radiation dose required and recorded details of procedures to be utilized

Thoroughly explained procedures to patients, stabilized patients in preparation for treatment delivery and monitored patients during treatment

Operated treatment machines, associated equipment and computer verification systems to deliver the planned treatment accurately

## SPECIFIC INTEREST

Tomotherapy helical and direct

Total body irradiation and Craniospinal irradiation

Brain sbrt , Lung sbrt , Liver sbrt

## EQUIPMENTS HANDLED

ACCURAY TOMOTHERAPY TomoHD

ELEKTA INFINITY 4MV, 6MV ,15 MV

ELEKTA SYNERGY 6MV ,15MV

SIEMENS HORIZON PET\CT

ELEKTA COMPACT 6MV

HDR BRACHYTHERAPY UNIT MICROSECTRON

## TREATMENT PERFORMED

TOTAL BODY IRRADIATION & CRANIOSPINAL IRRADIATION WITH TOMOTHERAPY

BRAIN SRS AND SBRT TREATMENTS

IMRT , IGRT , VMAT , 3DCRT

CONVENTIONAL TREATMENT

SORBO , ICRT TREATMENT IN BRACHYTHERAPY

TOTAL SKIN ELECTRON BEAM THERAPY (TSET)

TREATMENTS WITH ACTIVE BREATHING COORDINATOR