



JJI P JOHN

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CAREER OBJECTIVE:

Seeking a position of Radiation Therapy Technologist in a well-established hospital where I can effectively contribute my skills to the organisation and to the quality of patient care.

EXPERIENCE:

2years and 8months of experience as radiation therapy technologist in CMC Vellore

Department of Radiation Oncology is one of the major departments in CMC & Hospital. It is a well-equipped department. Nearly 180 patients are treated with Radiation every day.

TECHNIQUES USED:

- Single field – Photon and electron
- Parallel opposed pair fields
- Three fields isocenter
- Four fields isocenter
- Tangential Fields for Breast {Isocentric & Fixed}

- Oblique fields
- Homolateral wedged pair
- Matching fields
- Extended distance fields
- Craniospinal fields
- Conformal Therapy

CALCULATIONS:

- Single field
- Parallel opposed field
- Electron field
- Standoff calculation

MOULD ROOM:

- Preparation of Immobilization Masks with Aqua plast
- Preparation of LMPA blocks using Styrofoam cutter
- Preparation of Vac-lac for immobilization
- Preparation of Electron cutouts
- Preparation of GTC & BRW frames for SRT, SRS, IMRT & IMRS
- Preparation of Bolus

SIMULATOR:

- Pre-treatment planning advice to patients and explaining side effect of Radiation Therapy.
- Liaising with Oncologist during simulation
- Taking simulator film
- Taking manual contours
- Patient position details
- Handling manual and automatic dark room procedures

BRACHYTHERAPY (MANUAL AFTER LOADING):

- Preparation of applicators
- Preparation of source
- Taking orthogonal verification films
- Liaising Oncologist in theater for applicator fixation
- Liaising Oncologist in source application

OTHER RESPONSIBILITY:

- Patient Education and Health & Safety of Patients, Staffs and Visitors
- Carrying out external beam treatment accurately
- Reviewing of port film and portal images
- Performing Regular Quality Assurance for Therapy Machines
- Making Templates
- Taking Port films
- Performing the Thermo Luminescent Dosimetry
- Training Student Radiographers
- Participate in the weekend on-call system
- To observe the local rules for safety
- To ensure that a written report of an accident or incidents to Service Manager

SPECIAL PROCEDURES:

- Stereotactic Radio Surgery (**SRS**)
- Stereotactic Radiotherapy (**SRT**)
- Mantle Technique inverted Y/Dog leg technique.
- Total Body Irradiation (**TBI**)
- Total Lymphoid Irradiation (**TLI**)
- Total Skin electron therapy (**TSET**)
- Intensity Modulated Radiotherapy (**IMRT**)
- Volumetric Arc Therapy (**VMAT**)

ADDITIONAL RESPONSIBILITIES:

- Presenting papers on Radiotherapy Techniques in the department's scientific sessions.
- Teaching Radiotherapy Techniques and the patient care to the student Radiographers.

MACHINES HANDLED

- simulator (Varian)
- Tele-Cobalt 780C
- Equinox (Cobalt)
- primus-linear accelerator(Siemens)
- Clinac- linear accelerator 2100C/D(varian)(Rapidarc)
- Truebeam STX (Varian)
- Micro selectron –HDR

PROFESSIONAL QUALIFICATION

- 2011-2014: BSC in Radiation Therapy Technology, at CMC Vellore (under Tamilnadu MGR Medical University)
- 2011 November: Attend National conference of the association of Medical physicists of India

ACHIEVEMENTS

- Best Out Going Student in the batch of 2014
- Proficiency in all three years of BSC course

ACADEMIC QUALIFICATION

- 2009 : Secondary education completed under CBSE
- 2011 : Higher Secondary Education completed under CBSE

REGISTRATION

- **ELORA Registration Number : 17-00293**

PERSONAL DETAILS :

Name : Jiji P John
Nationality : Indian
Sex :Female
Date of Birth : 07-07-1993
Marital Status :Unmarried

REFEREES :

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DECLARATION :

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place : Vellore

Date :08/02/2018