

## HITESH GANDHI, M Sc, Dip R P, RSO

Nassau, Bahamas

Cell: +1 242 437 8277 • gandhihits@gmail.com • Work: +1 242 502 9610

WhatsApp : +91 927 126 3753

---

### EDUCATION

---

|  |                       |
|--|-----------------------|
| Homi Bhabha National University<br>Radiological Safety Officer Certification     | Mumbai, India<br>2015 |
| Homi Bhabha National University<br>Post-Graduation Diploma, Radiological Physics | Mumbai, India<br>2013 |
| Saurashtra University<br>Masters of Science, Physics                             | Rajkot, India<br>2005 |
| Saurashtra University<br>Bachelors of Science, Physics                           | Rajkot, India<br>2003 |

---

### PROFESSIONAL EXPERIENCE

---

|  |  |
|--|--|
| <b>The Cancer Centre<br/>Medical Physicist</b> | <b>Nassau, Bahamas<br/>09/22 - Present</b> |
|--|--|

Working as a Medical Physicist & Dosimetrist for a facility with moderate volume, hospital based radiation oncology center. The centre is accredited by **American College of Radiation Oncology**.

The Centre has placed the order for and expecting Elekta Versa HD Linear Accelerator within few months.

The center utilizes the following:

One Siemens Primus Linac

GYN HDR microSelectron with Oncentra Brachy, Nucletron

GE Lightspeed CT Simulator

3D, IMRT planning; XIO, Elekta

HDR planning; Oncentra

Lantis R & V, Elekta

Later on Monaco TPS and Mosaic R & V System will be added.

Patient Specific Checks, Weekly Physics Checks, IMRT QA, Special Dosimetry, Periodic Dosimetry, Imaging QA, Mechanical QA and tuning of the Linear Accelerator, Routine Postal dose audit: IAEA

MapCheck 2, Daily QA3 - SUN Nuclear

IBA Scanditronix RFA Systems

**Saurashtra Cancer Care and Research Institute**  
**Radiological Safety Officer & Medical Physicist**

**Rajkot, India**  
**07/20 – 07/22**

Over more than two years of experience managing the Physics and Dosimetry for a facility with moderate volume, hospital based radiation oncology center.

The center utilizes the following:

- One Varian VitalBEAM Linac
- GYN HDR GammaMed iX plus, Varian Medical Systems
- Siemens Somatom Definition AS 20 Open CT Simulator

3D, IMRT, RapidArc VMAT, SBRT planning; Eclipse, Varian Medical Systems  
HDR planning and QA; Brachyvision, Varian Medical Systems  
ARIA R & V, Varian Medical Systems  
MapCheck 3, SUN Nuclear  
SUN Nuclear RFA Systems

I was solely responsible for the following:

e-LORA handling and communication with AERB.  
Patient Specific Checks, IMRT QA, Imaging QA, Special Dosimetry, Periodic Dosimetry, and Special Medical Physics Consults, Radiological Safety, Treatment Planning with Eclipse TPS, Patient plan second check, Second check hand calculations

**Inlaks & Budhrani Hospital**  
**Sr. Medical Physicist**

**Pune, India**  
**07/14 – 07/20**

Over six years of experience as a Medical Physicist for a facility with high volume, hospital based radiation oncology center.

The center utilizes/utilized the following:

- Varian Clinac 2300 C/D (De-commissioned), Two Elekta Synergy Linacs, Theratronics 780c (De-commissioned), Varian Ximatron Simulator (De-commissioned) GYN HDR GammaMed iX plus with BrachyVision, Varian Medical Systems Clarity USG Imaging System, Elekta, CT Simulator

3D, IMRT, VMAT, SBRT, SRS / SRT planning with Monaco, Oncentra and Eclipse HDR planning and QA; Brachyvision, Varian Medical Systems  
ARIA R & V, Varian Medical Systems  
Mosaiq R & V, Elekta  
2D Array, Webline QuickCheck PTW  
PTW RFA Systems

I was responsible for the following:

Patient Specific Checks, IMRT QA, Imaging QA, Special Dosimetry, Periodic Dosimetry, Second check hand calculations, Planning with Monaco & Eclipse TPS, Periodic Dosimetry

**Inlaks & Budhrani Hospital**  
**Radiotherapy Technologist**

**Pune, India**  
**01/09 – 07/12**

**Rajkot Cancer Society**  
**Radiotherapy Technologist**

**Rajkot, India**  
**06/05 – 09/08**

Over more than seven years of experience as a Radiotherapy Technologist for the facilities with high volume, hospital based radiation oncology centres. Worked with Cobalt Teletherapy Machines, Elekta Synergy, Varian Clinac2300 C/D Accelerators, and Varian Ximatron Simulator

---

### **COMMISSIONING/ACCEPTANCE TESTING**

---

Commissioned Independently Varian VitalBEAM accelerator, Varian Brachytherapy Unit – GammaMed iX Plus and Siemens Somatom Definition AS 20 Open CT Simulator at Saurashtra Cancer Care and Research Institute, Rajkot, India

Assisted in the commissioning and validation of Apex mMLC at Inlaks & Budhrani Hospital, Pune, India

Assisted in the commissioning of 1 of 2 Elekta Synergy Accelerators at Inlaks & Budhrani Hospital, Pune, India

---

### **TEACHING EXPERIENCE**

---

Internship Supervisor (Medical Physics) at Inlaks & Budhrani Hospital, Pune, India

DNB – Radiotherapy Teacher at Inlaks & Budhrani Hospital

---

### **ADDITIONAL TRAINING & CERTIFICATION**

---

Varian:

Eclipse Administration, Eclipse Operations, GammaMed iX Afterloader & Applicators, Portal Dosimetry, Brachyvision, OIS EMR, OIS CI

Elekta:

Oncentra EBRT Applications, Clarity USG Imaging System, BodyBag Systems

Basic Life Support (CPR & AED), American Heart Association, 235605657736; Valid up to – Mar, 2027

---

### **Member: PROFESSIONAL ORGANIZATIONS**

---

Association of Medical Physicists of India – Life Time Member

Association of Radiation Oncologists of India – Life Time Member

Association of Radiotherapy Technologists of India – Life Time Member

---

## REFERENCES

---

Dr. Gautamkumar Sharan  
Medical Officer “G” – Radiation Oncology  
Homi Bhabha Cancer Hospital & Research Center, TMC, Muzaffarpur  
+91 932 632 3109  
dr.gautamsharan@gmail.com

Dr. O Kellini  
Radiation Oncologist, Nassau Bahamas  
+1 242 803 4722  
okellini@gmail.com

Dr. Rob Smereka  
Medical Physicist, Michigan, USA  
+1 616 450 0855  
r.smereka@comcast.net

Dr. Samip Pansora  
Sr. Consultant – Radiation Oncology  
Associate Professor - Radiation Oncology  
Saurashtra Cancer Care & Research Institute, Rajkot  
+91 992 411 2005  
drsamip77@gmail.com

Dr. Prashantkumar Shinde  
Chief Medical Physicist and Radiological Safety Officer, Nagpur  
+91 992 347 2316  
pk.shinde16@gmail.com

Dr. Ravindra Mahajan  
Consultant – Radiotherapy  
Inlaks & Budhrani Hospital, Pune  
+91 902 813 9677  
Ravimahajan456@gmail.com

Walter Nyakodzwe  
Medical Physicist, Nassau Bahamas  
+1 242 447 0241  
walenyax@yahoo.com