

## **Elbin M Elias**

Date: 15/11/2023

### **PROFILE:**

I am an ambitious and respectful Radiographer with 4 years of experience in X Ray, CT, and MRI scanning. I am friendly and enthusiastic, with a good ability to listen and learn new tasks quickly. I have good communication skills and I am particularly focused around patient care; I love to see a patient have a great experience when they are in my department. I am a great team worker, not just within the Radiology department itself, but also with the wider clinical teams, who I collaborate with on a daily basis. I am committed to continuing my professional development (CPD) and especially keen to broaden my skills, knowledge and experience within the NHS.

### **PERSONAL DETAILS:**

**Name** : Elbin Martin Elias

**DOB** : 29/01/1997

**Contact Address** : Valiyavila Veedu  
Vellimon west PO  
Kollam, 691511, Kerala India

**Nationality** : Indian

**Language skill** : Good in English and Malayalam, I can also speak and understand Tamil.

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### **QUALIFICATIONS:**

**BSc Medical Radiology Technology:** 2015-2019.

Amrita Institute of Medical Science and Research Centre, Kochi, Ernakulam, Kerala, India.

**Board of Higher Secondary Examination: (A-Level equivalent)**

2013-2015. St. Antony's HSS Kanjiracode, Kollam, Kerala, India Kollam, Kerala, India.

### **CORE MODULES:**

Maths, Science (Physics, Chemistry and Biology), Hindi and English

## **REGISTRATION:**

HCPC: RA089702.

Indian Society of Radiographers & Technologists (ISRT): Reg.No - LM-MI 11334/2019

Paramedical Registration: 229/MRTst/2021

## **KEY SKILLS AND EXPERIENCE:**

- I can perform a variety of routine, emergency, and complex X-Ray examinations. I have the ability to assess patients carefully and adapt my radiographic technique in order to tailor the projections to their current needs and abilities.
- I have experience in theatre Radiography using the image intensifier, and Fluoroscopy room where I often assist Radiologists during screening procedures. I am particularly skilled in providing imaging for orthopedic trauma and urology cases. I have also been exposed to angiographic procedures during my student training.
- I can perform all types of CT examinations independently, including the administration of iodinated contrast agents.
- I can perform routine MRI examinations including brain and spines.
- I possess very effective and kind communication skills, which I believe is very important in the health care setting. My communication is the cornerstone to exceptional image quality too.
- I am experienced in the use of RIS systems so that I am able to maintain patient records and information pertaining to examinations.
- I have a good understanding of radiation safety and the legal framework of Radiology practice. I am familiar with IR(ME)R and IRR regulations.
- I have good knowledge and skills in Information Technology, especially with the use of Microsoft Office, including Excel, Word and PowerPoint. I also use EMR, PACS and RADpro.

## **EXPERIENCE:**

**Radiographer :** (01/08/2023 - Present)

**Alpha Scans and Diagnostics**

**Adoor, Pathanamthitta, Kerala, India.**

- Perform high quality plain X-Rays including elective, emergency and trauma , review the studies and alert Radiologist or referring doctors if I suspect any critical findings.
- Perform head and body CT including trauma and CT angiography.
- Do multiple shifts, such as day, night duty and on call duties.

**Radiographer:** (13/01/2023 – 15/07/2023).

**Travancore Medical College, Kollam, Kerala, India.**

Travancore Medicity is one of Kerala's largest multi-specialty hospitals. TMCH is engaged has primary as well as tertiary healthcare service in addition to providing undergraduate and post graduate medical education, Nursing education, and paramedical education in many specialities.

Job Description:

- Perform high quality radiographs, review the study, and alert radiologist or referring doctors if I suspect any critical findings.
- Perform C- arm and assist radiologist during fluoroscopy.
- Perform head and body CT including CT angiography.
- Works in multiple shifts, such as day, night duty and on call duties.
- Monitoring junior colleagues and provide constructive feedback and training if required.
- Participate in department's radiation safety, infection control and quality assurance activities.
- Participate in hospitals academic activities.

**Radiographer:** (20/08/2020 - 31/12/22)

**Matha Medical Centre, Mathalil, Kollam, Kerala, India**

I have been working as a Radiographer where there are day and night shifts.

Perform routine and emergency radiography, assist orthopedic team in theatre and assists radiologists during fluoroscopy.

Perform all routine and emergency/trauma CT examinations.

This hospital is equipped with Siemens Somatom go. Now 32 slice CT unit, Siemens Digital X-ray unit, C-arm Allengers, portable X-ray unit.

**Radiographer :** (01/08/2019 – 14/08/2020)

**Desinganad MRI scan and research centre, Kollam, Kerala, India.**

This center is equipped with a 1.5 Tesla Siemens Magnetom Essenza MRI system, Toshiba speed 16 Slice CT unit, 300 mA Siemens High frequency Digital X-ray unit, Metaltronica Flat III mammography unit & Orthopantomogram (OPG).

During my period working as a Radiographer, I have managed to work in modalities such as X- ray and CT scan independently.

I also had an opportunity to work in MRI department under the supervision of the Senior Radiographer.

## **BSc Medical Radiology Technology: (2015-2019)**

Amrita Institute of Medical Science and Research Centre, Kochi, Ernakulam, Kerala, India.

Amrita Institute of Medical Sciences is a super specialty quaternary care hospital and medical school in Kochi. It is one of the largest medical facilities in the country consisting of 1,450 beds and 81 specialty departments.

The Radiology Department has 2 MRI Machines - GE SIGMA 3T soundless and Siemens 1.5 T MRI unit, 2 CT Machines - Siemens Somatom Sensation cardiac 64 slice and Philips brilliance 256slice. The Nuclear Medicine Department has SPECT - GE Hawkeye, Siemens Symbia and PET/CT GE discovery STE. It consists of Digital X-Ray Units, basic Siemens 500mA, 300mA X-Ray units and Siemens Multiphase - 10 & 10B Multix and has multiple portable machines. There are fluoroscopy machines including Siemens Lumino select, Shimadzu and Siemens Artis Zee. The department has PACS connected to all outpatient and inpatient stations.

**BSc in Medical Radiology Technology** is a four-year course. The subjects that were taught in the 1st year were Anatomy, Histology, Physiology, Biochemistry, Basic Radiation Physics, Atomic Nuclear Physics, Mathematics & General Psychology.

In the 2nd year, the subjects that I learnt were Imaging Anatomy, Radiodiagnosis I, Radiation Oncology I, Radiation Physics I, Pathology and Community Medicines. We also have clinical postings and postings in the X-ray Department where students practice Basic Radiography under supervision.

The 3rd year involved subjects such as Radiodiagnosis II, Radiation Oncology II, Radiation Physics II, Radiation Safety & Nuclear Medicine. During this year we had theory classes in the afternoon with clinical postings in the morning. Students would carry out routine X-rays under minimal supervision and they were trained in CT, MRI & Nuclear Medicine. I also performed on-call duties with the supervision of senior staff. Every year, there were both theory and practical examinations to assess students.

During 4th year, students received more training through clinical posting in X-Ray, CT, MRI, Fluoroscopy, Mammography & Ultrasound. Students had to do a project as part of the curriculum and my project topic was 'Micturating Cystourethrography in the Urinary tract evaluation.' By the end of 4th year students were assessed by practical exam, viva, and the project. Successful candidates were awarded the BSc in Medical Radiology Technology.

### **CME and CPD activities:**

1. Basic Life Support: 03 November 2022 - Cognitive and Skills Evaluation course by American Heart Association
2. Radiology and Radiation safety in the delivery of patient care: 28 August 2022 - Online course by Creative Solutions.
3. Contrast Safety: 28 August 2022 - Online course by Creative Solutions.
4. Clinical Audit in Medical Imaging: 28 August 2022 - Online course by ISRRT.

5. Introduction to the Picture Archiving and Communication System: 28 August 2022 - Online course by ISRRT.
6. Dose Reduction Techniques: 27 August 2022 - Online course by ISRRT.
7. Osteoporosis and DXA scanning: 27 August 2022 - Online course by ISRRT.
  
8. Nuclear Medicine and PET- CT Examination during COVID 19 Pandemic: 27 August 2022 - Online course by ISRRT.
9. Ultrasound Examination during the COVID 19 Pandemic 19: 27 August 2022 - Online course by ISRRT.
10. CT Examination during the COVID 19 Pandemic: 27 August 2022 - Online course by ISRRT.
11. Digital Imaging: Issues in Quality and Radiation Safety: 27 August 2022 - Online course by ISRRT.
12. Cardiac CT training program for Technologist: 23 October 2021 - Online Seminar conducted by 5C Network.
13. CT Neuro Perfusion: 17 July 2021 - online seminar conducted by Siemens - Healthineers.
14. Routine scanning and post processing: 3 June 2021 online seminar conducted by Siemens – Healthineers.

## **References:**

1. Parvathy Thejus

Course Administrator & Tutor, Amrita Institute of Medical Science and Research Centre.

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2. Sidhikh Abdul Azeez

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