

## Contact

Perth, Western Australia, Australia  
+61421583092 (Mobile)  
mohsinahmed84@gmail.com

[www.linkedin.com/in/syed-mohsin-ahmed-mieaust-0b2a0825](https://www.linkedin.com/in/syed-mohsin-ahmed-mieaust-0b2a0825)  
(LinkedIn)

## Top Skills

Community Cricket Coaching and Managing Projects  
Community Cricket Projects  
Oncology

## Languages

English (Full Professional)  
Swahili (Elementary)  
Urdu (Native or Bilingual)  
Hindi (Full Professional)  
Arabic (Elementary)

## Certifications

Service Training on Toshiba Aquilion CT Simulator  
Technical Service Training on GammaMed plus series/GammaMed plus iX series  
Clinac Essentials Service Training at Varian Medical Systems  
True Beam Platform Technical Maintenance 1 Training  
Certificate of Appreciation

# Syed Mohsin Ahmed (MIEAust)

Department of Health (WA Health)  
Greater Perth Area

## Summary

Experienced engineer with a demonstrated history of working in the health care industry in different parts of the world. Strong healthcare services professional skilled in Medical Devices especially Radiation therapy equipment, Medical Electronics, Brachytherapy and X-ray devices.

## Experience

Department of Health (WA Health)  
8 years 11 months

Chief Engineer Radiation Oncology  
August 2024 - Present (1 year 5 months)  
Nedlands, Western Australia, Australia

I am employed by the Government of Western Australia Health Department and based at State's Comprehensive Cancer Centre at Sir Charles Gairdner Hospital.

### Responsibilities:

- Contracts manage several high value support and maintenance contracts for mission critical devices that are directly associated with patient care. This includes monitoring vendor performance and their ability to meet KPI's.
- Provide budgetary figures on support and maintenance costs while exploring innovative ways to ensure best possible patient care within an allocated budget.
- Co-ordinate, supervise and mentor the engineering team to ensure highest possible levels of service with minimal downtime for the Department of Radiation Oncology and Radiology.
- Identify and assist with resolving issues with local IT infrastructure including network, application, OS, and hardware.
- Follow up and implement Radiation Health and Safety licensing and health and safety policy, procedures set by Radiological council of WA.

- Participate as a key member of evaluation panels with procurement processes for tender of capital equipment, software, and maintenance agreements.
- Mediate between vendors, contractors and site where required.
- Represent and provide expert local advice for major works including consultation with hospital engineering, builders, architects, engineers, and vendors.
- Administration and support of several proprietary applications not supported by HSS (HDWA IT).

### Senior Radiation Oncology Engineer

February 2017 - August 2024 (7 years 7 months)

Perth, Australia

#### Responsibilities:

I am responsible for Varian True Beam Linacs, Varian Trilogy iX Linacs, GammaMed Brachytherapy and M6 Cyberknife. Providing technical leadership and direction while driving preventive and corrective maintenance and repair operations for Linacs. Leading and Managing team of ROBES (Radiation Oncology Biomedical Engineering Services) team. On site engineer, providing full support and maintenance services for Accuray and Varian products. This includes, but isn't limited to, carrying out regular servicing, maintenance, unforeseen minor, and major repairs, as well as being directly involved with any hardware and software upgrades.

In Addition to this, I provide training and on-going hands on training to the therapy staff as well as Physics staff on how to use the machines safely and appropriately and how to carry out Quality Assurance measurements.

#### Professional Trainings and Licenses :

- True Beam Platform Technical Maintenance 3 Enhanced support Training from Varian Medical Systems, Las Vegas, Nevada, USA in February 2023.
- Cyber Knife Service and Maintenance: M6 and Legacy Systems at Accuray Incorporated, Madison, Wisconsin, USA in February-March 2020.
- True Beam Platform Technical Maintenance 2 Training at Varian Medical Systems, Las Vegas, USA in August 2017.
- True Beam Platform Technical Maintenance 1 Training at Varian Medical Systems, Las Vegas, USA in June 2017.

- Restricted Electrical Worker's Permit/License from Electrical Licensing Board WA.
- Radiation Service License for Diagnostic X-ray and Linear Accelerator from WA Radiological Council.
- Radiation Service and handling License for Radiation Sources/Radioactive Substances from WA Radiological Council.

American Hospital Dubai  
 Senior Radiation Engineer  
 February 2014 - January 2017 (3 years)  
 Dubai,UAE

American Hospital, Dubai is a JCIA accredited hospital and member of Mayo Clinic Network.

#### Responsibilities:

I am responsible for Varian Trilogy Linac, Eclipse TPS, ARIA OIS System and involved in the site planning and installation for Brachytherapy system.

#### Professional Trainings:

- ERP user training at American Hospital, Dubai, UAE in February 2014.
- Emergency First Aid CPR/AED Level HCP at American Hospital,Dubai, UAE in May 2014.
- Service Training on Rigel Medical Electrical Safety Equipment by Rigel Medical UK in January 2015.

Varitron Pakistan  
 Field Service Engineer Radiation Therapy  
 November 2010 - February 2014 (3 years 4 months)  
 Nairobi,Kenya

Varitron Pakistan a sole distributor of Varian Medical Systems in Pakistan & in Kenya.I am working as Service Engineer for VARIAN Radiotherapy Systems (C-Series Linacs, Brachytherapy, Simulators and RPM Gating Systems).

#### Responsibilities:

My Company posted me to Kenya as Project Engineer for The Aga Khan Hospital, Nairobi for the VMS Radiotherapy Equipment Installation, Service, PMI, Upgrades & Maintenance.

#### Professional Trainings:

- Varian Medical System's Hardware Level2 Beam Certified Engineer.
- Clinac Essentials Service Training at Varian Medical Systems, Beijing, China in July-August 2011.
- Technical Service Training on GammaMed plus series/GammaMed plus iX series, Haan, Germany in March 2012.
- Local Service Training on Aquilion CT Simulator by Medequips Lahore, Pakistan in August 2011.

#### Dr. Ziauddin Hospital

##### Radiation Engineer

September 2008 - October 2010 (2 years 2 months)

Karachi,Pakistan

Worked as Biomedical Engineer for Radiotherapy equipment in Ziauddin Cancer Hospital,Karachi.

#### Responsibilities:

I had been involved in the Siemens Linear Accelerator (Primus), Cobalt 60, Varian Simulator(Ximatron) & Nucletron Plato TPS.

Performs installations, Upgrades, Maintenance and service of Linear Accelerators installed in the Dr.Ziauddin Hospital, Karachi, Pakistan.

#### Professional Training:

- Fire Safety training at Dr.Ziauddin Hospital, Karachi in January 2009.

#### Technology Links Pvt.Ltd

##### Trainee Field Service Engineer

January 2008 - August 2008 (8 months)

Karachi,Pakistan

Technology Links is a private limited company. TL is the Shimadzu and Enraf nonius agent in Pakistan.

#### Responsibilities:

- Installation, Maintenance, Upgrade and Servicing of ENRAF NONIOUS equipment.
- Installation and calibration of X-ray, C-Arm (SHIMADZU) both stationary and mobile.
- Installation of C-Arm's Image Intensifier.

---

## Education

Sir Syed University of Engineering & Technology (SSUET)  
Bachelor of Science - BS, Biomedical Engineering · (2004 - 2007)

Government Islamia Science College  
Higher Secondary School Certificate, Pre-Engineering · (2001 - 2003)

Gulistan Shah Abdul Latif Boys Secondary School  
Secondary School Certificate, Science · (1999 - 2001)