# OBJECTIVE

Chief/Senior Radiotherapy Service Manager/Engineer

# QUALIFICATIONS

20+ years experience as a radiotherapy service engineer. Diverse background in multi-modalities and problem solving techniques across multiple platforms. Trained on latest IGRT Varian & Elekta accelerators including TrueBeam v2.5. Experience with Windows and networking. A+ Certification. Experience with radiotherapy simulators. Experience working in an in-house & field service environments. Radiotherapy product new site preparation/installation/de-installation experience.

# FORMAL TRAINING

Accuray Tomotherapy Hi-Art & HD v4.2/5.0 Technical Maintenance

Varian ARIA v11 System Administration

Varian TrueBeam Technical Maintenance I & II

Accuray CyberKnife OEM Service Maintenance

Elekta Oncology Engineer (EOE) Levels 1 and 2

Varian On Board Imaging/Cone Beam CT 1.5

Varian Exact Arm/IAS3 Systems

Electronic Portal Imaging (Varian PortalVision)

Siemens Primus Linear Accelerator -Toshiba Multi Leaf Collimator

Computed Radiography Imaging System Repair (OREX)

Varian Millennium Multi Leaf Collimator (Co-Instructor)

Varian Millennium Multi Leaf Collimator Factory Beta Test (Univ. Of Chicago Hospitals)

Varian Multi Leaf Collimator (Mark Series)

Varian Hi Energy C Series (III) Linear Accelerator

Varian Hi Energy Linear Accelerator Course (1800)

Siemens Mevasim-S X-Ray Therapy Simulator - ZIV Patient Table

Siemens Conventional Mevatron Linear Accelerator

X-Band Military Radar Direct Support (Hawk Phase II & III)

# CAREER HISTORY

**Chief Engineer–University Of Arkansas for Medical Sciences; July 2012 – May 2017**

Hired for startup of in-house program for the University and to oversee systemic equipment replacement to include two TrueBeam units and upgrade of Tomotherapy HDA unit from Hi-Art. Repair and maintenance of same units with factory training on both vendor platforms. Other significant duties include care and feeding of all departmental medical device workstations and servers up to and including system administrative duties for implementation and maintenance of ARIA v11. Recent experience with TrueBeam v2.5 upgrade.

**Senior Linear Accelerator Engineer–UT Southwestern Medical Center at Dallas; Mar 2011 – June 2012**

Responsible for service engineering support of radiation oncology clinic housing Elekta and Varian linear accelerators. Organized parts logistic support and record keeping of service for Radiation Oncology. Worked with Varian installers during TrueBeam installations and assisted in new site preparation.

**Senior Imaging Technician–ProHealth Care, Inc; Dec 2008 – July 2010**

Responsible for service engineering support of three radiation oncology clinics housing Accuray, Elekta and Varian linear accelerators. Attended Accuray CyberKnife OEM training and performed 1st and 2nd level support of C3 CyberKnife. Coordinated replacement of Varian eX with Elekta Infinity and attended EOE 1 and 2 service courses during warranty period. Organized parts logistic support for the three hospitals and all record keeping of service for Radiation Oncology. Limited support given as well for Impac Mosaiq and Synergistiq.

**Accelerator Service Engineer–New Mexico Oncology Hematology Consultants; Aug 2007 – Apr 2008**

Provided all levels of service engineering support for four free-standing clinics in four cities and design/implementation of center’s new construction office building. Coordinated OEM major upgrades for two Varian 21eX accelerators to OBI/CBCT.

**National ISO/RV Industry Delivery Specialist – Acceltek/Jayco/Horizon Transport; Oct 2005 – July 2007**

Re-Opened Acceltek for ISO service/installation/de-installation of radiotherapy product lines. Also serviced FEMA during national crisis of hurricane relief efforts by delivering temporary housing to stricken areas of need throughout the U.S. Continued efforts as an independent contractor servicing the RV industry delivering retail units for a major manufacturer throughout the U.S. and Canada.

**Area Manager - Acceletronics, Inc.; Sept 2000 – July 2005**

Provided leadership, mentoring and career development of company wide field service technicians for an independent service organization. Assisted management team in ensuring implementation of objectives, policies and goals. Directed day-to-day field service operations of areas/engineers assigned and provided interface for customer concerns. Initiated and realized equipment video training courses for company. Frequent travel to assist field service engineers of all levels in repair of difficult problems.

**Chief Engineer - University of Chicago Hospitals; July 1996 – Aug 2000**

Responsible for maintenance of clinical radiotherapy department(s) with Varian/Siemens radiotherapy equipment and support for Medical Physics/Cellular Oncology staff special projects. Worked side-by-side with Varian factory support during implementation of new product development, including computerized treatment record and verification (VARiS) and treatment delivery hardware systems (Millennium MLC). Received special commendation from Varian factory support group for outstanding efforts during BETA design and implementation of Millennium MLC project.

**Product Specialist, Field Service - Acceletronics, Inc.; Jan 1994 – June 1995**

Special recognition of technical prowess lead to assignment of duties to assist in special needs of area field service technicians for Siemens/Varian radiotherapy product lines.

**Chief Engineer – Central Arkansas Radiation Therapy Institute (CARTI); Mar 1992 – Oct 1993**

Manager for four person radiotherapy service department servicing three free-standing clinics in three cities consisting of five Varian accelerators of various vintage, one cobalt teletherapy and four therapy simulators. Fabrication of devices and assemblies utilizing on-site metal shop.

**Acceltek – ISO Radiotherapy Products; Oct 1990 – May 1992**

Start up of independent service organization servicing medical linear accelerators and simulators

**Regional Technical Support, Therapy Division – Siemens Medical Systems; Jan 1988 – Oct 1990**

Chosen for this position after working as a field service engineer for 1 year for technical proficiency in the radiotherapy product line for Siemens. Position was to provide support for area and regional field service engineers during product line problem resolution difficulties.

**Accelerator Engineer – Allan Shivers Radiation Therapy Center; Mar 1986 – Dec 1987**

Entered this in-house position after leaving the military where I self trained on one low energy Varian and one high energy Siemens linear accelerators. Facility purchased an additional high energy Varian where I was then factory trained.

**Radar Repair Specialist, Direct Support Level – U.S. Army; Mar 1977 – Oct 1985**

Serviced continuous wave acquisition and illuminator radar sets part of the Hawk Phase III missile system. Position was a support operation being called in when first level support was unable to resolve repair problems. Advancement in rank/pay grade was achieved rapidly as repair success rates were noted.

# Personal and Professional References

Available on request.