

SHIP TO:
 RECEIVING DOCK A B
 V.A. Medical Center
 V.A. MEDICAL CENTER
 1670 CLAIRMONT ROAD
 DECATUR, GA 30033

| Item | Description | Qty |
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| Section 1 Scalable EDGE | | |
| 1.1 | <p>Edge Radiosurgery System</p> <p>The Edge™ Radiosurgery System provides capabilities for delivering radiosurgery treatments where radiation is indicated.</p> <p>Features:</p> <ul style="list-style-type: none"> • Treatment console with integrated audio and video systems • HD120™ High Definition Multileaf Collimator • 6MV X-ray treatment energy • 43cm x 43cm MV imager • Basic X-Ray treatment delivery technique package, including Static Photon, Photon Arc, and Dynamic Conformal Arc treatment delivery techniques • Intensity Modulated RadioTherapy (IMRT) treatment technique, including large field IMRT • Total Body Treatment technique package • 2D MV Radiographic and Cine Image Acquisition, 2D/2D Radiographic Image Review and match, Cine image review • Relative Portal Dosimetry Image and Integrated Image Acquisition • Matching of 2D radiographs to 3D reference images • Online addition of kV and MV imaging protocols to treatment fields, with automated generation of reference images • Online Physician Approval of Images at Treatment Console (compatible with ARIA® only) • Automated Machine Performance Check Testing, Online Machine Performance Check Review • Offline Machine Performance Check Review <p>Prerequisites:</p> <ul style="list-style-type: none"> • ARIA® oncology information system for radiation oncology v11.0.MR4.1 or higher, or compatible third-party oncology information system • Eclipse™ treatment planning system v11.0 MR3 or higher, or compatible third-party treatment planning system <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Verify compatibility with third-party oncology information systems if applicable • Verify compatibility with third-party treatment planning systems if applicable • If using a scale other than IEC 60601 or IEC 61217 in the rest of the department, it may be necessary to change scales on all other machines. This may require additional purchases. <p>Notes:</p> <ul style="list-style-type: none"> • None. | 1 |
| 1.2 | Edge Version 2.7 | 1 |
| 1.3 | New Universal Baseframe 52" Fixed Floor | 1 |
| 1.4 | <p>15/16 MV (BJR 11/17)</p> <p>40 cm x 40 cm maximum field size, dose rate range 0-600 MU/Min.</p> | 1 |
| 1.5 | <p>10/10 MV (BJR 11/17)</p> <p>40 cm x 40 cm maximum field size, dose rate range 0-600 MU/Min.</p> | 1 |
| 1.6 | <p>6/6 MV (BJR 11/17)</p> <p>40 cm x 40 cm maximum field size, dose rate range 0-600 MU/Min.</p> | 1 |

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| 1.7 | <p>IGRT Couch Top</p> <p>Image Guided RadioTherapy (IGRT) carbon fiber treatment couch top, free of metal or other radiation-opaque materials.</p> <p>Features:</p> <ul style="list-style-type: none"> • Indexed Immobilization® for compatible accessories • Couch top interface for mounting patient immobilization and quality assurance devices at the head of the couch • Lock bar for indexed positioning of equipment or immobilization devices on the couch top • Handrail for couch positioning, with hooks for temporary pendant placement during patient set up | 1 |
| 1.8 | <p>PerfectPitch 6DoF Couch</p> <p>Fully integrated 6-Degrees of Freedom (6DoF) couch system.</p> <p>Features:</p> <ul style="list-style-type: none"> • Manual and automated positioning of the patient • Image-based 6DoF patient positioning with remote couch motion <p>Prerequisites:</p> <ul style="list-style-type: none"> • ARIA® Oncology Information System for Radiation Oncology v.11 or later | 1 |
| 1.9 | <p>10X High Intensity Mode</p> <p>40 cm x 40 cm maximum field size, dose rate range 400-2400 MU/min In 400 MU/min steps.</p> | 1 |
| 1.10 | <p>6X High Intensity Mode</p> <p>40 cm x 40 cm maximum field size, dose rate range 400-1400 MU/Min in 200 MU/min steps.</p> | 1 |
| 1.11 | <p>Low-X Imaging Energy</p> <p>Low-X imaging energy configuration, providing high soft tissue contrast when imaging in-line with the treatment beam.</p> | 1 |
| 1.12 | <p>HyperArc Treatment Delivery Capability</p> <p>Frameless, MLC-based technique for multiple intracranial SRS targets. Automated non-coplanar treatment delivery with integral intrafraction imaging at specified couch angles.</p> <p>Features:</p> <ul style="list-style-type: none"> • HyperArc™ Delivery License <p>Prerequisites:</p> <ul style="list-style-type: none"> • TrueBeam™ or Edge® system v2.7 or higher • RapidArc® delivery license • PerfectPitch™ 6-Degrees of Freedom (6DoF) couch • Varian IGRT couch top or QFix KVUE™ or KVUE Calypso® couch top • Encompass™ SRS Immobilization System by Qfix® • Eclipse™ treatment planning system v15.5 or higher • HyperArc treatment planning license • Eclipse RapidArc® planning license • ARIA® oncology information system for radiation oncology v15.1 or higher <p>Notes:</p> <ul style="list-style-type: none"> • Use of external devices connected to Motion Management or ADI interfaces with HyperArc are not validated or supported by Varian. • It is recommended that the patient CT scan used for treatment planning be acquired at a slice thickness of 1.25 mm or better | 1 |

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| 1.13 | <p>RapidArc Treatment Delivery</p> <p>RapidArc® Treatment Delivery is a volumetric modulated arc treatment delivery technique</p> <p>Features:</p> <ul style="list-style-type: none"> • Simultaneous modulation of MLC aperture shape, beam dose rate, and gantry angle and rotation speed during beam delivery • Supports dynamic jaw tracking and collimator rotation with supporting treatment planning system <p>Prerequisites:</p> <ul style="list-style-type: none"> • 120 Multi Leaf Collimator or HD120™ Multi Leaf Collimator • Eclipse™ treatment planning system v11.0 or higher • RapidArc treatment planning license | 1 |
| 1.14 | <p>kV Imaging System</p> <p>kV Imaging system, providing 2D radiographic and fluoroscopic and 3D CBCT imaging capability.</p> <p>Features:</p> <ul style="list-style-type: none"> • kV CBCT image acquisition, review, and match to 3D reference image • Radiographic image acquisition, with 2D/2D and 2D/3D image matching to reference image • Fluoroscopic image acquisition, with structure overlay on fluoroscopic images. • kV CBCT image acquisition with a long field of view, provided by merging multiple indexed CBCT images. Online data acquisition and viewing only. <p>Prerequisites:</p> <p>%%</p> | 1 |
| 1.15 | <p>Triggered Imaging</p> <p>Automated intrafraction 2D kV radiographic imaging, with images triggered by respiration phase or amplitude, gantry angle, time period, or MU. Automated image-based beam hold on fiducial markers, based on user-defined marker motion thresholds.</p> <p>Features:</p> <ul style="list-style-type: none"> • Respiration Triggered Imaging • MU Triggered Imaging • Gantry Triggered Imaging • Time Triggered Imaging • Autobeam Hold <p>Prerequisites:</p> <ul style="list-style-type: none"> • Respiratory Motion Management System | 1 |
| 1.16 | <p>Advanced Resp Motion Management System</p> <p>Stereoscopic optical system for managing patient respiration motion during treatment delivery and imaging.</p> <p>Features:</p> <ul style="list-style-type: none"> • Stereoscopic optical imager, including marker block for tracking patient respiration motion • Respiratory gated treatment delivery • Respiratory gated MV image acquisition and online review, respiration synchronized cine image acquisition and online review • Respiratory gated kV image acquisition and online review, respiration synchronized fluoroscopic image acquisition and online review | 1 |
| 1.17 | <p>VCD Option, couch mounted</p> | 1 |

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| | <p>Couch-mounted display system provides visual feedback to the patient for respiration stabilization or breath hold position during respiratory gated image acquisition or treatment delivery.</p> <p>Features:</p> <ul style="list-style-type: none"> • 2 rechargeable batteries and charging system • Video interface for optional use of customer-provided video goggles • Wireless display system with adjustable count mount <p>Prerequisites:</p> <ul style="list-style-type: none"> • TrueBeam® v2.7 or higher • One of the following: <ul style="list-style-type: none"> ◦ Advanced Respiratory Motion Management System ◦ Basic Respiratory Motion Management System ◦ Respiratory Motion Management System ◦ Optical Imager | |
| 1.18 | VCD w/Couch Mount - IGRT | 1 |
| 1.19 | <p>Gated CBCT</p> <p>Provides the ability to acquire CBCT images synchronized with patient respiration (free-breathing or breath hold).</p> <p>Features:</p> <ul style="list-style-type: none"> • Gated CBCT Imaging License: CBCT image acquisition, image review, and image match to respiratory gated reference image. • Short Arc CBCT Imaging License: CBCT image acquisition using a 120-150 degree arc, image review, and image match to respiratory gated reference image. Short arc CBCT is an option for single breath hold CBCT data acquisition. <p>Prerequisites:</p> <ul style="list-style-type: none"> • One of the following: <ul style="list-style-type: none"> ◦ Advanced Respiratory Motion Management System ◦ Basic Respiratory Motion Management System ◦ Respiratory Motion Management System ◦ Optical Imager • kV Imaging System | 1 |
| 1.20 | <p>4D CBCT Imaging Package</p> <p>Provides the ability to acquire 4D CBCT images for patient positioning at the time of treatment delivery or for 4D target motion analysis post treatment delivery.</p> <p>Features:</p> <ul style="list-style-type: none"> • 4D kV CBCT Image Match Review License: 4D CBCT image acquisition, image review, and image match to structure or Maximum Intensity Projection (MIP) at the time of treatment delivery • 4D CBCT Image Acquisition License: 4D kV CBCT image acquisition in Advanced Reconstructor Mode for post-treatment image reconstruction, viewing, and offline analysis <p>Prerequisites:</p> <ul style="list-style-type: none"> • One of the following: <ul style="list-style-type: none"> ◦ Advanced Respiratory Motion Management System ◦ Basic Respiratory Motion Management System ◦ Respiratory Motion Management System ◦ Optical Imager • kV Imaging System <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Customer must verify compatibility with 3rd party systems & devices <p>Notes:</p> <ul style="list-style-type: none"> • TrueBeam v2.7 or higher is required to utilize 4D CBCT Match Review license | 1 |

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| 1.21 | <p>Iterative CBCT</p> <p>Iterative CBCT provides improved detectability of stationary or gating-immobilized soft tissue anatomy.</p> <p>Features:</p> <ul style="list-style-type: none"> • Iterative CBCT license • Reconstruction computer with GPU hardware | 1 |
| 1.22 | <p>LAP Apollo Blue Room Laser Kit</p> <p>Features:</p> <ul style="list-style-type: none"> • One Apollo Blue Remote Controlled Ceiling Crosshair Laser • Two Apollo Blue Remote controlled Lateral Crosshair Lasers • One Apollo Blue Remote Vertical or Horizontal Controlled Sagittal Line Laser (selected prior to system production) | 1 |
| 1.23 | <p>Enhanced Beam Conformance Specification</p> <p>The Enhanced Beam Conformance Specifications provide tight tolerances for key X-ray and electron beam energy performance specifications.</p> | 1 |
| 1.24 | <p>Filtrine Water Chiller</p> <p>A closed loop water cooling system, providing clean water at a constant flow, pressure, and temperature for cooling a high energy medical linear accelerator. Ideal for sites where a dependable source of clean water for cooling is not available.</p> | 1 |
| 1.25 | <p>Additional MotionView CCTV Camera System</p> <p>Additional set of two Motion View CCTV cameras and displays. Camera placement is at customer discretion.</p> <p>Features:</p> <ul style="list-style-type: none"> • Two pan, tilt, zoom CCTV cameras • Two desktop LCD displays with built in camera controls • Adjustable viewing angle for patient privacy • Push button pan, tilt, zoom, and home position control <p>Prerequisites:</p> <ul style="list-style-type: none"> • Motion View camera system, provided with linac system. | 1 |
| 1.26 | <p>Extended Spares</p> <p>Features:</p> <ul style="list-style-type: none"> • Expanded spare parts kit, including replacement system control boards and components for fast system troubleshooting and repair. • <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • A secured storage location that prevents loss or damage to the parts. | 1 |
| 1.27 | <p>Main Circuit Breaker Panel</p> | 1 |

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| | Main circuit breaker panel, interfacing to a single power input feed from the facility Mains. Circuit breakers provide independent over-current protection for equipment at the console and in the treatment room. UL and IEC/CE certified. | |
| 1.28 | <p>Power Cond., 3phase 50KVA</p> <p>Transtector 50KVA, 3-phase power conditioning unit, providing transient protection, line power regulation, and Input and Output circuit breakers for over-current protection. UL and IEC/CE certified.</p> <p>Notes:</p> <ul style="list-style-type: none"> • Supports voltage configurations from 208 to 600 VAC and in 50 or 60 Hz for US and ROW applications. | 1 |
| 1.29 | <p>Edge Radiosurgery Marketing Program</p> <p>Edge Local Media Campaign</p> <p>Features:</p> <p>A third-party media advertising campaign valued at \$100,000 in the Customer's name and local geographic area featuring both the Customer's logo and information, and the Varian Edge Radiosurgery technology name, and logo and/or Edge imagery for use within twelve months of Edge system installation. Media will be placed by a third-party advertising agency. The agency will assist the Customer with campaign development and will place all media in the customer's local geography and will be governed by that third party's terms and conditions applicable to the service it provides, and not by Varian's terms and conditions of sale or service. The applicable advertising agency terms and conditions are available upon request. The Customer has sole discretion to apply the third-party media campaign funds to television, radio, outdoor, print or digital media depending on the size and cost of the local market. All use of Varian Edge Radiosurgery technology name and logo is also governed by a separate Varian Marketing Materials License Agreement, which is available on the MyVarian Internet site and upon request.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Edge™ Radiosurgery System | 1 |
| 1.30 | <p>SRS Encompass IMB IGRT Couchtop</p> <p>The SRS Encompass™ Immobilization package from Qfix™ is a dedicated SRS immobilization package specifically tailored for use with the IGRT couch top.</p> <p>Features:</p> <ul style="list-style-type: none"> • Encompass Intracranial Standalone Device (quantity: 2) • Encompass mask system (quantity: 10) • Direct Indexing™ Adapter for Varian IGRT couch top (quantity: 1) • Locating bar (quantity: 1) <p>Prerequisites:</p> <ul style="list-style-type: none"> • IGRT couch top • TrueBeam® v2.0 and higher • VitalBeam® v2.5 (China only) and higher <p>Notes:</p> <ul style="list-style-type: none"> • Training will be provided by Qfix | 1 |
| 1.31 | <p>Optical Surface Monitoring System for TrueBeam™</p> <p>The Optical Surface Monitoring System (OSMS) offers users real time tracking on the TrueBeam™ platform.</p> <p>Features:</p> <ul style="list-style-type: none"> • Optical Surface Monitoring System (OSMS) uses non-ionizing real time surface tracking to monitor patient motion • SRS phantom for QA <p>Prerequisites:</p> <ul style="list-style-type: none"> • TrueBeam System version 2.0 MR1 or higher • Motion Management Interface for TrueBeam • Qfix™ Encompass™ Mask Package when OSMS is purchased with the Edge® Radiosurgery System | 1 |

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| 1.32 | <p>Motion Management Interface</p> <p>Motion management interface is an integrated interface for validated external devices that provide patient positioning, patient and target motion monitoring, and/or respiratory gating. The Motion management interface supports connection of up to four external devices, two of which may be used for respiratory motion management or high speed beam hold.</p> <p>Features:</p> <ul style="list-style-type: none"> • 4-DoF or 6-DoF patient positioning capability for compatible validated devices and couch configurations • Integrated external device beam hold and image-based patient repositioning workflow • Patient-specific external device activation and patient plan verification | 1 |
| 1.33 | <p>STD TRNG: TB Platform On-Site</p> <p>The on-site review of the TrueBeam/Edge/VitalBeam components includes imaging and use cases for support of patient treatment for therapists. This support is to ensure that personnel who attended the classroom training are able to operate the TrueBeam Platform machine in a safe and effective manner in the clinical environment.</p> <p>Features:</p> <ul style="list-style-type: none"> • Includes support for TrueBeam/Edge/VitalBeam • Offer is valid for 18 months after installation of product <p>Prerequisites:</p> <ul style="list-style-type: none"> • TrueBeam Platform classroom trainings <p>Notes:</p> <ul style="list-style-type: none"> • Training is non-refundable and non-transferable | 1 |
| 1.34 | <p>INCL ED:Varian Optical Surface Monitor</p> <p>Varian Optical Surface Monitoring Systems Training will be provided on this product.</p> <p>Features:</p> <ul style="list-style-type: none"> • Recommended Participants: Radiation Therapists and Physicists • Includes Tuition and Materials for TWO people • Offer is valid for 18 months after installation of product <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Responsibilities depend on the region. <p>Notes:</p> <ul style="list-style-type: none"> • Training is non-refundable and non-transferable | 1 |
| 1.35 | <p>STD TRNG:Varian Optical Surface Monitor</p> <p>Training is included with the purchase of Varian Surface Monitoring Systems. Training plan details will be provided by the training management team as part of your product implementation process.</p> <p>Features:</p> <ul style="list-style-type: none"> • Offer is valid for 18 months after installation of product <p>Notes:</p> <ul style="list-style-type: none"> • Training is non-refundable and non-transferable | 1 |
| 1.36 | <p>INCL ED: TB201 TB Platform Physicists</p> <p>TrueBeam Physics and Administration: TrueBeam Physics and Administration course is designed for personnel (primarily Medical Physicists) responsible for the acceptance, commissioning, and QA program development of the TrueBeam in the clinical environment. It is recommended that the student attend the TrueBeam Physics and Administration course shortly before the installation of the TrueBeam. The course provides instruction of the basic delivery components, basic imaging components, and a general overview of the motion management system</p> | 1 |

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| | <p>components. Machine commissioning, calibration, and QA of the machine are included. The course subject matter is presented from a clinical use perspective. Primary emphasis is on the overall commissioning, calibration, and QA of the TrueBeam and its components. Extensive hands-on laboratory exercises are included.</p> <p>Features:</p> <ul style="list-style-type: none"> • Includes support for TrueBeam/Edge/VitalBeam • Includes Tuition and Materials for ONE person • Length: 4.5 days • Offer is valid for 18 months after installation of product <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals) <p>Notes:</p> <ul style="list-style-type: none"> • Training is non-refundable and non-transferable | |
| 1.37 | <p>INCL ED: TB101 TB Platform Operations</p> <p>TrueBeam Operations is a course designed for personnel (primarily Radiation Therapists) responsible for the routine operation and clinical use of the TrueBeam. It is recommended that students attend the TrueBeam Operations course shortly before clinical use and the commencement of patient treatments. The course provides instruction of the basic delivery components, basic imaging components, and a general overview of the motion management system components. The course subject matter is presented from a clinical use perspective. Primary emphasis is on the overall understanding of the TrueBeam function and operation to include imaging and respiratory gating. Extensive hands-on laboratory exercises are included. The attendees of this class will be provided tools to allow them to instruct other clinical staff upon their return.</p> <p>Features:</p> <ul style="list-style-type: none"> • Includes support for TrueBeam/Edge/VitalBeam • Includes Tuition and Materials for ONE person • Length: 4 days • Offer is valid for 18 months after installation of product <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals) <p>Notes:</p> <ul style="list-style-type: none"> • Training is non-refundable and non-transferable | 2 |
| 1.38 | <p>INCL ED: CL222 Respiratory Gating</p> <p>The Respiratory Gating course provides training for physicists and therapists, to obtain knowledge of principles and practices of respiratory gating in radiation oncology for clinical implementation.</p> <p>Features:</p> <ul style="list-style-type: none"> • Includes support for TrueBeam Platform • Includes Tuition and Materials for ONE person • Length: 2 days • Offer is valid for 18 months after installation of product <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals) <p>Notes:</p> <ul style="list-style-type: none"> • Training is non-refundable and non-transferable | 1 |
| 1.39 | <p>NLS: English</p> | 1 |

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| Section 2 Incidental Services | | |
| 2.1 | Remove/Dispose Existing Equipment | 1 |
| Section 3 TPS Eclipse | | |
| 3.1 | Eclipse RapidArc Planning Lic-Addl | 3 |
| | <p>Eclipse RapidArc Planning supports dynamic arc treatments produced through volumetric dose optimization using Dynamic MLC, variable dose rate and variable gantry speed to generate intensity modulated dose distributions in optimized arcs. Supports both coplanar and non-coplanar arcs.</p> <p>Licenses:</p> <ul style="list-style-type: none"> • ONE (1) Eclipse Dose Dynamic Arc software option and license • ONE (1) Conformal Arc for dMLC <p>Prerequisites:</p> <ul style="list-style-type: none"> • Eclipse version 10.0 or higher must be installed on all Eclipse workstations in the network • Interactive IMRT Planning on Eclipse workstations • Varian Linear Accelerator with RapidArc Delivery • Minimum hardware requirements as per www.varian.com/us/oncology/services_and_support/hardware_specifications/ | |
| 3.2 | Install on Existing/Customer Server | 1 |
| 3.3 | Acuros External Beam | 1 |
| | <p>Acuros External Beam advanced dose calculation is a photon algorithm that provides dose calculation with the same accuracy as Monte Carlo with no statistical noise in a fraction of the calculation time.</p> <p>Licenses:</p> <ul style="list-style-type: none"> • Acuros External Beam <p>Prerequisites:</p> <ul style="list-style-type: none"> • Eclipse version 10.0 or higher must be installed on all Eclipse workstations in the network. | |
| 3.4 | Multi-Criteria Optimization (MCO) | 1 |
| | <p>Eclipse™ MCO is a decision support tool incorporated within the existing IMRT or VMAT optimization workflow. MCO allows the end user to explore the impact that changing dose to a specific structure has on plan quality, target coverage, or organ at risk sparing.</p> <p>Features:</p> <ul style="list-style-type: none"> • MCO license for one user <p>Prerequisites:</p> <ul style="list-style-type: none"> • IMRT or VMAT planning license • One of the following hardware configurations <ul style="list-style-type: none"> ◦ A GPU (Graphics Processing Unit) enabled Eclipse calculation workstation or ◦ An Eclipse Framework agent server (FAS) | |

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| 3.5 | <p>HyperArc Planning</p> <p>Eclipse external beam planning for frameless, MLC-based delivery technique for single or multiple intracranial SRS targets in support of HyperArc™ delivery.</p> <p>Features:</p> <ul style="list-style-type: none"> • HyperArc™ Planning License for one user <p>Prerequisites:</p> <ul style="list-style-type: none"> • HyperArc delivery license • TrueBeam® or EDGE™ system software v2.7 or higher • Eclipse RapidArc Planning License | 1 |
| 3.6 | <p>Multi-Criteria Optimization, (MCO) tier 1</p> <p>Eclipse™ MCO is a decision support tool incorporated within the existing IMRT or VMAT optimization workflow. MCO allows the end user to explore the impact that changing dose to a specific structure has on plan quality, target coverage, or organ at risk sparing.</p> <p>Features:</p> <ul style="list-style-type: none"> • MCO license for one user <p>Prerequisites:</p> <ul style="list-style-type: none"> • MCO licenses quantity ten (10) • IMRT or VMAT planning license • One of the following hardware configurations <ul style="list-style-type: none"> ◦ A GPU (Graphics Processing Unit) enabled Eclipse calculation workstation or ◦ A GPU (Graphics Processing Unit) enabled Eclipse Framework agent server (FAS) | 1 |
| 3.7 | <p>Multi-Criteria Optimization (MCO), additional</p> <p>Eclipse™ MCO is a decision support tool incorporated within the existing IMRT or VMAT optimization workflow. MCO allows the end user to explore the impact that changing dose to a specific structure has on plan quality, target coverage, or organ at risk sparing.</p> <p>Features:</p> <ul style="list-style-type: none"> • MCO license for one user <p>Prerequisites:</p> <ul style="list-style-type: none"> • MCO license • IMRT or VMAT planning license • One of the following hardware configurations <ul style="list-style-type: none"> ◦ A GPU (Graphics Processing Unit) enabled Eclipse calculation workstation or ◦ An Eclipse Framework agent server (FAS) | 1 |
| 3.8 | <p>RapidPlan Core</p> <p>Varian's RapidPlan™ Knowledge-Based Planning Software leverages a machine learning approach and provides planning models for various disease sites. The user also has the capability of adding their own treatment plans to the planning model allowing customization to the clinic's treatment method and protocol.</p> <p>Features:</p> <ul style="list-style-type: none"> • ONE (1) RapidPlan™ license for ONE (1) user • DVH estimation models from Varian will be provided when available • User defined configuration of DVH estimation models <p>Licenses:</p> <ul style="list-style-type: none"> • DVH Estimation Algorithm (site license) • DVH Estimation Model Configuration (site license) • DVH Estimation for one (1) concurrent user <p>Prerequisites:</p> <ul style="list-style-type: none"> • Eclipse version 13.5 or above needs to be present. • An Eclipse Calculation Workstation | 1 |

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| | <ul style="list-style-type: none"> Interactive IMRT and/or Eclipse VMAT Planning In a Citrix environment, an Eclipse Calculation Workstation or a Framework Agent Server | |
| 3.9 | <p>RapidPlan User Add'l</p> <p>Varian's RapidPlan™ Knowledge-Based Planning Software leverages a machine learning approach and provides planning models for various disease sites. The user will have the capability to deploy the models available from the model configuration, customized to the clinic's treatment methods and protocols.</p> <p>Features:</p> <ul style="list-style-type: none"> ONE (1) RapidPlan™ license for ONE (1) user <p>Licenses:</p> <ul style="list-style-type: none"> DVH Estimation for one (1) concurrent user <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse version 13.5 or above needs to be present. An Eclipse Calculation Workstation Interactive IMRT and/or Eclipse VMAT Planning In a Citrix environment, an Eclipse Calculation Workstation or a Framework Agent Server | 2 |
| 3.10 | <p>Eclipse GPU Workstation Kit</p> <p>An Eclipse GPU (Graphics Processing Unit) kit enables the upgrade of an Eclipse Calculation Workstation to an Eclipse GPU Calculation Workstation.</p> <p>Features:</p> <ul style="list-style-type: none"> 1 GPU card <p>Prerequisites:</p> <ul style="list-style-type: none"> An existing Eclipse GPU upgradable Calculation Workstation must be on site with the minimum hardware requirements. For detailed information on hardware requirements, refer to the Hardware Specifications at: www.varian.com/oncology/products/software/treatment-planning/eclipse-treatment-planning-system?cat=resources | 3 |
| 3.11 | <p>Eclipse GPU Calc Workstation Refresh</p> <p>Varian will replace an Eclipse Calculation Workstation GPU (Graphics Processing Unit) enabled computer with the latest calculation GPU enabled computer; re-install and configure the Eclipse software; and test the system.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> Existing Eclipse GPU Calculation Workstation | 3 |
| 3.12 | <p>STD TRNG: HyperArc Consultant Suprt</p> <p>Standard Training HyperArc™ Consultant Support</p> <p>Features:</p> <ul style="list-style-type: none"> Consultant will provide clinical support to establish a Stereotactic Radiosurgery (SRS) Program at customer site. The consultant will cover the necessary workflow for the following: <ul style="list-style-type: none"> patient selection positioning and imaging treatment planning dose prescriptions and organ at risk sparing quality assurance treatment imaging and delivery patient follow up Duration and Location: 2 days at customer site plus 4 hours of remote support <p>Prerequisites:</p> | 1 |

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| 3.13 | <p>STD TRNG: MCO-Remote</p> <p>Standard Training for Multi-Criteria Optimization (also known as Trade-off Analysis). Intended audience includes physicists, dosimetrist/treatment planners and other staff as appropriate.</p> <p>Features:</p> <ul style="list-style-type: none"> • Training Plan details will be provided by the training management team as part of your product implementation process. Topics covered can include: <ul style="list-style-type: none"> ◦ Workflow ◦ Plan Generation ◦ Trade off exploration • Duration and Location: 2 hour remote session <p>Prerequisites:</p> <ul style="list-style-type: none"> • Multi-Criteria Optimizatin installed <p>Notes:</p> <ul style="list-style-type: none"> • Offer is valid for up to 18 months after installation of product • Non-transferable to other products and services and non-refundable | 1 |
| 3.14 | <p>STD TRNG: HyperArc Follow Up Trng</p> <p>Standard Training HyperArc™ Follow Up Training Onsite</p> <p>Features:</p> <ul style="list-style-type: none"> • Applications trainer will provide on-site follow up visit to answer questions related to use of the system • Duration and Location: 1 day at customer site <p>Prerequisites:</p> <ul style="list-style-type: none"> • Customer must have already treated patients using the HyperArc system • Customer must have completed the HyperArc Consultant Support standard training <p>Notes:</p> <ul style="list-style-type: none"> • Offer is valid for up to 18 months after installation of product • Non-transferable to other products and services and non-refundable • This entitled training is for up to 3 users. The intended audience includes physicists, physicians, dosimetrists, treatment planners and other staff as appropriate • This training will optimally occur approximately 4 weeks after HyperArc go live. | 1 |

Section 4 Advantage Credits

4.1 Advantage Contract Credits

Advantage Credits can be utilized for Varian's Professional Services, such as consulting, on-site applications training, education, and third-party services including physics services and clinical schools that are purchased through Varian. For further details, please reference the attached Terms and Conditions.

4.2 Additional Advantage credits

100.0

(Qty: 100, Credit per Qty: 1.0)

| Item | Description | Qty |
|------|-------------|-----|
|------|-------------|-----|

| | | |
|-----|-----------------------------------|-------|
| 4.3 | ALZ2a Comm preconfg 5X+SRS | 155.0 |
|-----|-----------------------------------|-------|

(Qty: 1, Credit per Qty: 155.0)

Advantage Commissioning for TrueBeam with Pre-configured Models and SRS and Eclipse Treatment Planning System

Alyzen Medical Physics will commission TrueBeam accelerator for up to 3 flattened and 2 unflattened X-ray and up to 6 electrons energies. This group will also commission SRS for MLC and cones for one photon energy. The service will be performed by 2 physicists and is estimated to be 5.5 business days.

Scope of Work:

1. Eclipse set up with pre-configured beam models for AAA, Acuros and EMC algorithms for each energy.
2. Benchmarking measured data against Eclipse predicted (End-to-End Test).
3. Benchmarking measured data against the AQUIRE commissioning database.
4. Benchmarking measured data set against the Varian reference data set.
5. Eclipse and Aria configuration.
6. Enhanced Dynamic Wedge Validation.
7. Portal Dosimetry Configuration.
8. IMRT Configuration and Validation with multiple test plans.
9. RapidArc® Configuration and Validation with multiple test plans.
10. Cone and/or MLC Based SRS
 - PDDs, Profiles, and Off-Axis Ratio measurements for up to 7 Cones.
 - Small-field measurements (PDDs, Profiles, OF) for MLC based SRS/SBRT.
 - Validation of Conical Dose Calculation (CDC) by benchmarking measured data.

Deliverables:

- Digital copy of all measured data in eclipse format, import ready (W2CAD).
- Comprehensive report describing the commissioning process in detail.
- Robust data books in hard and soft copy format (Hand Calculation Ready)
- Comprehensive walkthrough of all services performed and associated systems at completion.
- Sample of various plans for end to end testing with Portal Dosimetry
- Review of TPS configuration and settings

Prereq:

- Customer site physicist must be present for deliverables and approvals
- Must have acceptance of accelerator and Eclipse before Advantage Commissioning can start
- Full access to the accelerator, accessories and the control room
- Secured Internet access

Not included:

- This service does not include any commissioning for Hard Wedge. Customer must purchase Hard Wedge commissioning separately

Total Advantage Credits for this Section: 255.0

Section 5 Adhoc

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|-----|-----------------------------------|---|
| 5.1 | Discount for Line Item 4.1 | 1 |
|-----|-----------------------------------|---|

Discount for Line Item 4.1 - SSC001004001 - Advantage Contract Credits-1st Year to Match VA Pricebook.