

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

P.O.# 508-B82006
 RT LINAC

Item	Description	Qty
Section 1 TrueBeam		
1.1	<p>TrueBeam Package</p> <p>TrueBeam system integrates respiratory gating, real-time tracking, imaging and treatment delivery enabling a range of treatment techniques such as Intensity Modulated Radiation Therapy (IMRT), Image-Guided Radiation Therapy (IGRT), RapidArc®, Gated RapidArc®, Stereotactic Radio Surgery (SRS) and Stereotactic Body Radiotherapy (SBRT) to be delivered.</p> <p>Features:</p> <ul style="list-style-type: none"> • Small Vault Configuration • Patient monitoring and safety with Motion View, LaserGuard II and Capacitive Collision Detection System on kV Imaging • Treatment Techniques including IMRT, SRS/SBRT High Total Dose, Total Body treatment delivery • kV Imaging with 2D planar kV and 3D Cone Beam Computed Tomography (CBCT) Imaging • 43x43 MV Imaging including Advanced MV Radiographic Imaging, Port Film Graticule and Portal Dose Image Acquisition with High Intensity Mode support • Advanced IGRT and Motion package • Customer selectable up to 5 Photon Energies • Customer selectable up to 8 Electron Energies • Electron Applicator Set (if electron energies selected for system): 6cm x6cm, 6cmx10cm, 10cmx10cm, 15cmx15cm, 20cmx20cm, 25cmx25cm Includes electron arc applicator and final defining aperture mold frame set • Motion Management Interface • PerfectPitch™ 6 Degrees of Freedom (6DoF) • 6DoF Motion Management Interface license, supporting PerfectPitch 6DoF couch-based patient set up positioning as directed by a validated external device • 6MeV and 9MeV High Dose Total Skin Electron Mode treatment technique • Low-X Imaging for reduced metal artifacts and improved soft tissue contrast • 6X and 10X High Intensity Mode for dose rate delivery at 1400MU/minute and 2400MU/minute respectively • Installation and one year warranty <p>Prerequisites:</p> <ul style="list-style-type: none"> • ARIA Oncology Information System (OIS) for Radiation Oncology/ Eclipse v.10 MR4 and ARIA Practice Management v.10 MR5 • ARIA Practice Management v.11 MR1 and ARIA OIS for Radiation Oncology v.11 MR3 for TrueBeam with PerfectPitch 6DoF couch • TrueBeam v. 2.5 and higher for 6DoF interoperability with PerfectPitch and ExacTrac. • Requires ARIA Practice Management v.11 MR1 and ARIA OIS for Radiation Oncology v.11 MR3 • For customers with Brainlab ExacTrac, 6DoF Interoperability with PerfectPitch is available for ExacTrac v. 6.2 only <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Customers with 3rd party Oncology Information Systems must confirm compatibility with their suppliers. 	1
1.2	NLS: English	1
1.3	<p>120 Multileaf Collimator</p> <ul style="list-style-type: none"> • Performance per RAD 10094 • High resolution leaf width of 5 mm (projected at isocenter) for central 20 cm 	1

Item	Description	Qty
	<ul style="list-style-type: none"> Leaf width of 10 mm (projected at isocenter) for outer 20 cm 	
1.4	<p>Integrated IGRT Couch Top</p> <p>Carbon fiber treatment couch top, free of metal or other radiation-opaque materials, thereby reducing imaging artifacts</p> <p>FEATURES:</p> <ul style="list-style-type: none"> - Clinically usable section of 120.0 cm - Supports patients up to 500 lbs (227 kg) - Indexed Immobilization® for compatible accessories - Head extension with interface for alternative patient immobilization and positioning device 	1
1.5	<p>Rapid Arc Treatment Delivery License</p> <p>Capability to simultaneously modulate aperture shape, dose rate, and gantry angle and speed continuously for up to 360 degrees of gantry rotation, with delivery as an arc beam.</p> <p>When coupled with RapidArc Planning and a RapidArc-compatible information system, provides the capability to generate IMRT-quality dose distributions in a single, optimized arc around the patient. When coupled with the Optical Imager, provides the capability for Gated RapidArc.</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 • Provides IMRT-quality dose distributions in a single arc delivery in less than 2 minutes 	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
1.7	<p>8/8 MV (BJR 11/17)</p> <p>40 cm x 40 cm maximum field size, dose rate range 0-600 MU/Min</p>	1
1.8	<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
1.9	<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
1.10	<p>18/23 MV (BJR 11/17)</p> <p>40 cm x 40 cm maximum field size, dose rate range 0-600 MU/Min</p>	1
1.11	<p>6 MeV, 0-1000 MU/min</p> <p>25 cm x 25 cm maximum field size, dose range rate 0-1000 MU/Min</p>	1

Item	Description	Qty
1.12	9 MeV, 0-1000 MU/min 25 cm x 25 cm maximum field size, dose range rate 0-1000 MU/Min	1
1.13	12 MeV, 0-1000 MU/min 25 cm x 25 cm maximum field size, dose range rate 0-1000 MU/Min	1
1.14	15 MeV, 0-1000 MU/min 25 cm x 25 cm maximum field size, dose range rate 0-1000 MU/Min	1
1.15	16 MeV, 0-1000 MU/min 25 cm x 25 cm maximum field size, dose range rate 0-1000 MU/Min	1
1.16	18 MeV, 0-1000 MU/min 25 cm x 25 cm maximum field size, dose range rate 0-1000 MU/Min	1
1.17	20 MeV, 0-1000 MU/min 25 cm x 25 cm maximum field size, dose range rate 0-1000 MU/Min	1
1.18	22 MeV, 0-1000 MU/min 25 cm x 25 cm maximum field size, dose range rate 0-1000 MU/Min	1
1.19	6X High Intensity Mode 40cm x 40cm maximum field size, dose rate range 400-1400 MU/Min Note: Portal Dosimetry (purchasable option) for High Intensity Mode requires 43 x 43 MV Imager on TrueBeam s/n > 2000 ARIA v 13 or higher	1
1.20	10X High Intensity Mode 40cm x 40cm maximum field size, dose rate range 400-2400 MU/Min Note: Portal Dosimetry (purchasable option) for High Intensity Mode requires 43 x 43 MV Imager on TrueBeam s/n > 2000 ARIA v 13 or higher	1
1.21	6 MeV HDTSE, 0-2500 MU/min	1

Item	Description	Qty
1.22	9 MeV HDTSE, 0-2500 MU/min	1
1.23	Low-X Imaging 2.5Mv	1
1.24	RPC Lung Phantom Voucher Option For customers who purchase an Advanced IGRT and Motion Package, an MDADL service voucher will be provided to allow that customers to practice their end-to-end lung SBRT workflow and verify that they are able to deliver treatment according to their SBRT treatment plan onto a Lung phantom.	1
1.25	Respiratory Motion Mgmt Package Stereoscopic optical imaging system for monitoring patient respiratory motion and 3D patient position Performance per RAD 10094 Includes: - TrueBeam Optical Imager - Respiratory Gating License - Dynamic kV and MV Imaging Pre-Requisite: - kV Imaging	1
1.26	INCL ED: CL222 Respiratory Gating Description: 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. Features: <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 Prerequisites: <ul style="list-style-type: none"> • None Customer Responsibilities: <ul style="list-style-type: none"> • Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals) Notes: <ul style="list-style-type: none"> • Training is non-refundable and non-transferable 	1
1.27	New Universal Baseframe 52" Fixed Floor	1

Item	Description	Qty
1.28	<p>STD TRNG: TrueBeam On-Site Support</p> <ul style="list-style-type: none"> - Includes support for TrueBeam/Edge - Support is non-refundable and non-transferable - Offer is valid for 18 months after purchase <p>On site follow-up review of the TrueBeam/Edge components to include imaging and motion management for support of patient treatment. The emphasis of this support is to ensure that the therapists that attended the TrueBeam Operations (on-site) training are able to operate the TrueBeam in a safe and effective manner in the clinical environment.</p> <p>PREREQUISITES: TrueBeam/Edge Operations (on-site) training</p>	1
1.29	<p>INCL ED: TB201 TrueBeam for Physicists</p> <p>The following Education Course is included with the purchase of a TrueBeam/Edge.</p> <ul style="list-style-type: none"> - Includes Tuition and Materials for ONE person - Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals) - Training is non-refundable and non-transferable - Offer is valid for 18 months after installation of product <p>TrueBeam Physics and Administration TrueBeam Physics and Administration course is designed for those personnel responsible for the acceptance, commissioning and QA program development of the TrueBeam in the clinical environment. It is directed primarily towards Medical Physicists. It is recommended that the student attend the TrueBeam Physics and Administration course shortly before the installation of the TrueBeam.</p> <p>The course provides instruction of the basic delivery components, basic imaging components and a general overview of the motion management system components. Machine commissioning, calibration, QA and the responsibilities of Customer Acceptance Procedure (CAP) of the machine are included. The course subject matter is presented from a clinical use perspective. The 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>PREREQUISITES: None Length:4 days</p>	1
1.30	<p>INCL ED: TB101 TrueBeam Operations</p> <p>The following Education Course is included with the purchase of a TrueBeam/Edge:</p> <ul style="list-style-type: none"> - Includes Tuition and Materials for ONE person - Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals) - Training is non-refundable and non-transferable - Offer is valid for 18 months after installation of product <p>TrueBeam Operations is a course designed for those personnel responsible for the routine operation and clinical use of the TrueBeam. It is directed primarily towards Radiation Therapists. It is recommended that both students attend the TrueBeam Operations course shortly before clinical use and the commencement of patient treatments.</p> <p>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. The 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>PREREQUISITES: None Length:4 days</p>	2

Item	Description	Qty
1.31	<p>LAP Apollo Green Room Laser Kit</p> <p>LAP Apollo Green Room Laser Kit</p> <p>FEATURES:</p> <ul style="list-style-type: none"> - 1 Apollo Green Remote Controlled Ceiling Crosshair Laser - 2 Apollo Green Remote Controlled Lateral Crosshair Lasers - 1 Apollo Green Remote Controlled Sagittal Line Laser 	1
1.32	<p>Optical Surface Monitoring System</p> <p>Optical Surface Monitoring System for real-time tracking of patient surface</p> <p>Features:</p> <ul style="list-style-type: none"> • Surface contour-based patient position tracking • Automated beam hold for out-of-threshold motion • SRS Phantom for QA <p>Prerequisites:</p> <ul style="list-style-type: none"> • Motion Management Interface <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • None <p>Notes:</p> <ul style="list-style-type: none"> • None 	1
1.33	<p>SRS IMB for IGRT Couchtop</p> <p>The SRS Immobilization package from Qfix™ is specifically tailored use with the IGRT couch top.</p> <p>The components of this package are as follows:</p> <ul style="list-style-type: none"> - Portrait™ Head and Neck Overlay Device (quantity: 2) - Direct Indexing™ Adapter for Varian IGRT couch top, clamp design - Silverman Head support (quantity: 5) - Moldcare™ Head Cushion (quantity: 10) - Fibreplast™ Open Face Mask (quantity: 10) - Locating bar (quantity: 1) - Water Bottle for use with Moldcare Head Cushion (quantity: 1) <p>Training will be provided by Qfix.</p> <p>Prerequisite(s):</p> <ol style="list-style-type: none"> 1) Optical Surface Monitoring System for TrueBeam™ 2) IGRT couch top 	1
1.34	<p>INCL ED: OM101 Optical Surf Mon Sys</p> <p>Description:</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 	1

Item	Description	Qty
	<ul style="list-style-type: none"> Offer is valid for 18 months after installation of product <p>Prerequisites:</p> <ul style="list-style-type: none"> None <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 	
1.35	<p>STD TRNG: Varian Optical Surface Monitor</p> <p>Description: 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>Prerequisites:</p> <ul style="list-style-type: none"> None <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> None <p>Notes:</p> <ul style="list-style-type: none"> Training is non-refundable and non-transferable 	1
1.36	<p>Power Cond., 3phase 50KVA, TrueBeam</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>Available in all voltage configurations from 208 to 600 VAC and in 50 or 60 Hz for US and ROW applications.</p>	1
1.37	<p>VVS Accessory Verification</p> <p>Varian Verification System (VVS v. 1.0) is a system which provides the capability to verify accessory and patient identification through the use of a barcode scanning system.</p> <p>Features:</p> <ul style="list-style-type: none"> One barcode scanner One barcode label printer One package of labels for barcode printer Accessory and patient verification license <p>Prerequisites:</p> <ul style="list-style-type: none"> ARIA® Oncology Information Systems for Radiation Oncology v.13.MR1 or later maintenance releases of v.13 <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> None <p>Notes:</p> <ul style="list-style-type: none"> TrueBeam Queue does not support patient check in with barcode scanning. 	1
1.38	<p>Main Circuit Breaker Panel</p>	1

Item	Description	Qty
	General Electric Co. 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.	
1.39	Filtrine Water Chiller: HE See Filtrine Specification sheet for details	1
1.40	TrueBeam Spares Extended Kit	1
1.41	Enhanced Beam Conformance Specification The Enhanced Beam Conformance Specifications provide tight tolerances for key X-ray and electron beam energy performance specifications. It guarantees point to point conformance of field intensity profiles to Varian-provided Representative Beam Data (formerly known as "gold beam data"), as available, and guarantees point to point conformance of field intensity profiles to within a specified tolerance in the case where Representative Beam Data is not available.	1
1.42	Beam Conf. to Cust Ref X-rays The X-Ray Beam Conformance to Customer Reference Data provides on-site refinement of the X-ray D(10) depth of ionization and field intensity performance to conform to customer reference system values Features: <ul style="list-style-type: none">• None Prerequisites: <ul style="list-style-type: none">• Enhanced Beam Conformance Customer Responsibilities: <ul style="list-style-type: none">• None Notes: <ul style="list-style-type: none">• None	1

Section 2 Adhoc

2.1	Remove/Dispose Existing Equipment	1
-----	--	---

Section 3 Advantage Credits

3.1	Advantage Contract Credits	255
-----	-----------------------------------	-----

Item	Description	Qty
	<p>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.</p>	
3.2	<p>Additional Advantage credits</p> <p>(Qty: 100, Credit per Qty: 1.0)</p> <p>Undefined Advantage credits</p>	
3.3	<p>ALZ2a Comm preconf 5X+SRS</p> <p>(Qty: 1, Credit per Qty: 155.0)</p> <p>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.</p> <p>Scope of Work:</p> <ol style="list-style-type: none"> 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 <ul style="list-style-type: none"> • 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. <p>Deliverables:</p> <ul style="list-style-type: none"> • 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 <p>Prereq:</p> <ul style="list-style-type: none"> • 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 <p>Not included:</p> <ul style="list-style-type: none"> • This service does not include any commissioning for Hard Wedge. Customer must purchase Hard Wedge commissioning separately 	

Section 4 Adhoc

4.1	Discount for Line Item 3.1	1
-----	----------------------------	---

Item	Description	Qty
	Discount for Line Item 3.1 - SSC001004001 - Advantage Contract Credits-1st Year to Match VA Pricebook.	

Section 5 TPS Eclipse

5.1	<p>Eclipse RapidArc Planning Lic-Addl</p> <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>LICENSE(S):</p> <ol style="list-style-type: none"> ONE (1) Eclipse Dose Dynamic Arc software option and license ONE (1) Conformal Arc for dMLC <p>PRE-REQUISITE(S):</p> <ol 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 http://www.varian.com/us/oncology/services_and_support/hardware_specifications/ 	1
5.2	Install on Existing/Customer Server	1