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Section 1	TrueBeam Package
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1 TrueBeam Package

1 TrueBeam System

TrueBeam system

Premium performance image-guided radiotherapy system

FEATURES:

- Performance per RAD 10094
- High speed, real time network control
- Synchronous, high precision motion, imaging, and dose trajectory management
- Patented variable beam energy generation
- Dual independent jaw collimator system, supporting dynamic jaw tracking and dynamic collimator rotation
- Enhanced dynamic wedge
- Electronic Accessory Detection and Verification system
- LaserGuard II system, a laser protection zone-based proximity sensor that is used to alert the user of system proximity to the patient, associated immobilization devices, and to other parts of the system and limit motion if necessary
- Treatment couch base with sub-millimetric positioning accuracy to isocenter
- Full remote motion control with software-selectable motion axis disable
- Autofield sequencing and full treatment delivery automation
- Radiation-hardened digital CCTV camera system for patient and motion monitoring
- Laser backpointer
- 3D system motion monitoring and touch detector systems
- Integrated controls with visual action prompts
- Two 27 inch monitors for treatment room viewing of system and patient information
- Two 21 inch high performance treatment console monitors
- Integrated audio system, including intercom, optional respiration coaching, input for music
- Low profile console packaging with optional stacking
- Software-selectable IEC601 and IEC 1217 scale convention
- Basic quality assurance and performance test kit, including front pointer set and collimator crosshair
- Standard spare parts
- Smart Connect remote access ready
- One (1) full warranty
- Shipping (Shipment is pending regulatory clearance of this product in the ship-to country. Lead times after receipt of order may vary greatly by country.)

NOTE: The TrueBeam only supports IEC 601 or IEC 1217 scales. Conical collimator accessories (sometimes called "cones") must not be used for treating patients on this device without also using the Barcode Conical Collimator Verification (BCCV) product. Failure to use BCCV with conical collimators may

result in serious injury or death due to a lack of verification that the correct conical collimator and field size for that collimator are in place for that patient's treatment plan.

PREREQUISITES:

- ARIA Practice Management, Version 8.8.15, or compatible third party oncology information system.
- ARIA Rad Onc, including Eclipse, Version 8.9.09.1, or compatible third party oncology information / treatment planning system

1 Base System Treatment License

Includes static and arc X-ray treatment delivery license, supports maximum dose per field of 2500 MU for static fields and 7200 MU for intensity modulated fields

1 TrueBeam Online Marketing Program

Access to the TrueBeam™ Online Marketing Program which provides a broad range of advertising, educational, promotional, and public relations materials targeted to referring physicians, patients, and the media.

1 New Baseframe

1 INCL ED: TB201 TrueBeam for Physicists

The following Education Course is included with the purchase of a TrueBeam.

- 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

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.

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.

PREREQUISITES: None

Length:
4 days

1 STD TRNG: TrueBeam On-Site Support

- Includes support for TrueBeam
- Support is non-refundable and non-transferable
- Offer is valid for 18 months after purchase

On site follow-up review of the TrueBeam 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.

PREREQUISITES: TrueBeam Operations (on-site) training

2 INCL ED: TB101 TrueBeam Operations

The following Education Course is included with the purchase of a TrueBeam:

- 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

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.

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.

PREREQUISITES: None

Length:
4 days

1 Enhanced Beam Specification

The Enhanced Beam Performance 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 6/6 MV Energy (per BJR 11/17)

40 cm x 40 cm maximum field size, dose rate range 0-600 MU/Min

1 10/10 MV Energy (per BJR 11/17)

40 cm x 40 cm maximum field size, dose rate range 0-600 MU/Min

1 18/23 MV Energy (per BJR 11/17)

40 cm x 40 cm maximum field size, dose rate range 0-600 MU/Min

1 6X High Intensity Mode

40cm x 40cm maximum field size, dose rate range 400-1400 MU/Min

1 10X High Intensity Mode

40cm x 40cm maximum field size, dose rate range 400-2400 MU/Min

1 Electron Applicator Set

6cm x 6cm, 6cm x 10cm, 10cm x 10cm, 15cm x 15cm, 20cm x 20cm, 25cm x 25cm
Includes electron arc applicator and final defining aperture mold frame set

1 6 MeV

25 cm x 25 cm maximum field size, dose rate range 0-1000 MU/Min

1 9 MeV

25cm x 25 cm maximum field size, dose rate range 0-1000 MU/Min

1 12 MeV

25cm x 25cm maximum field size, dose rate range 0-1000 MU/Min

1 15 MeV

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25cm x 25cm maximum field size, dose rate range 0-1000 MU/Min

1 16 MeV

25cm x 25cm maximum field size, dose rate range 0-1000 MU/Min

1 18 MeV

25cm x 25cm maximum field size, dose rate range 0-1000 MU/Min

1 20 MeV

25cm x 25cm maximum field size, dose rate range 0-1000 MU/Min

1 22 MeV

25cm x 25cm maximum field size, dose rate range 0-1000 MU/Min

1 120 Multileaf Collimator

- Performance per RAD 10094
- High resolution leaf width of 5 mm (projected at isocenter) for central 20 cm
- Leaf width of 10 mm (projected at isocenter) for outer 20 cm

1 IMRT Treatment Delivery License

Capability to simultaneously modulate aperture shape with dose delivery for a static gantry beam

FEATURES:

- Simultaneous modulation of MLC aperture shape and dose delivery for a static gantry beam
 - Supports dynamic jaw tracking and collimator rotation with supporting treatment planning system
 - Includes large field IMRT
-

1 SRS/SBRT High Total Dose License

Required for delivery of hypofractionated or radiosurgical X-ray treatments

FEATURES:

- Provides the capability to deliver high dose fields for any X-ray treatment
- Supports delivery of up to 6000 MU for a static aperture beam
- Supports delivery of up to 10800 MU for an intensity or volumetric modulated beam

NOTE:

For total body irradiation treatments, the Total Body Treatment Delivery License is required

1 RapidArc Treatment Delivery License

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.

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.

FEATURES:

- 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 Total Body Treatment Delivery License

Capability to deliver High Dose Total Skin Electron Treatment, Total Body Electron Irradiation, and Total Body X-ray Irradiation treatments

FEATURES:

- Supports delivery of up to 6000 MU for Total Body Irradiation treatments
- Supports delivery of up to 9000 MU for High Dose Total Skin Electron treatments

For electron based treatments, 6 MeV and/or 9 MeV and corresponding 6 MeV HDTSE and/or 9 MeV HDTSE must be selected.

1 6 MeV High Dose Total Skin Electron Mode

Dose rate range 0-2500 MU/Min

Pre-requisite(s)

- 6MeV
- Total Body Irradiation Treatment Delivery License

1 MV Imager

MV image acquisition and data analysis for target localization, patient positioning and motion management

FEATURES:

- Performance per RAD 10094
- High precision, isocenter-aligned positioning system
- aS1000 detector system for low dose, high resolution imaging
- 2D image acquisition before, after, and during treatment delivery
- Online image review and analysis

1 Basic MV Imaging License

Provides capability for radiographic and cine imaging and basic imaging matching for treatment verification

1 Advanced MV Radiographic

Provides capability for 2D radiographic imaging, image analysis, and marker match

1 Dynamic MV Imaging License

Provides capability for respiration-synchronized MV radiographic image acquisition

.

PRE-REQUISITE:

Optical Imager and accompanying Respiratory Gating Licence

1 Portal Dose Image Acquisition License

Provides capability for portal dose image acquisition

1 Port Film Graticule

Set of upper and lower port film graticules

1 kV Imager

kV Image acquisition and data analysis, analysis for target localization, patient positioning and motion management.

FEATURES:

- Performance per RAD 10094
- High precision, isocenter-aligned positioning system
- X-Ray source and detector
- 2D image acquisition before, after, or during treatment delivery
- Online image review and analysis

1 Basic 2D kV Imaging License

Provides capability for 2D kV radiographic image acquisition and analysis, pretreatment fluoroscopic verification imaging and analysis, 2D marker matching, 2D MV/kV imaging and analysis, fluoroscopic image acquisition during treatment delivery

1 kV CBCT Imaging License

Provides capability to acquire, process, and analyze in 3D a cone-beam volumetric CT dataset

1 Dynamic kV Imaging License

Provides capability for respiratory gating-triggered kV radiographic image acquisition, during, after, and before treatment delivery.

PRE-REQUISITE:

Optical Imager and accompanying Respiratory Gating License

1 Optical Imager

Stereoscopic optical imaging system for monitoring patient respiratory motion and 3D patient position

Performance per RAD 10094

1 Respiratory Gating License

Respiratory Gating License

FEATURES:

- Provides the capability to synchronize image acquisition and treatment delivery with respiration
- 3D patient position monitoring
- Capability for gated arc therapy

1 INCL ED: CL222 Respiratory Gating

- Includes Tuition and materials for ONE person.
- Attendees will be responsible for their own, airfare, hotel, rental car, meals and other travel incidentals.
- Training is non-refundable and non-transferable.
- Offer is valid for 18 months after installation of product.

The RPM course provides training for physicists, or therapists, to obtain knowledge of the principles and practice of respiratory gating in radiation oncology for clinical implementation.

Duration:

1 1/2 days

1 Standard Stand Configuration

1 Lower Wedge Set

4-Way Wedge Set, including 15°, 30°, 45°, 60° wedges
Includes compensator mount, as required

1 Upper Wedge Set

4-Way Wedge Set, including 15°, 30°, 45°, 60° wedges

1 Patient/Accessory Verification System

Provides the capability of accessory identification through use of a barcode scanning system. Patient verification is not supported.

FEATURES:

- One (1) Bar Code Scanner
- One barcode label printer

PREREQUISITES:

- ARIA Practice Management, Version 8.8.15
-

1 Motion View

CCTV Camera Kit

FEATURES:

- Two pan, tilt, zoom CCTV cameras
- Two desktop, 81/4 inch LCD displays with built in camera controls
- Adjustable viewing angle for patient privacy
- Push button pan, tilt, zoom, and home position control

1 LAP Apollo Green Room Laser Kit

LAP Apollo Green Room Laser Kit

FEATURES:

- 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 Additional CCTV Camera System

Additional CCTV Camera Kit

FEATURES:

- Two pan, tilt, zoom CCTV cameras
- Two desktop, 81/4 inch LCD displays with built in camera controls
- Adjustable viewing angle for patient privacy
- Push button pan, tilt, zoom, and home position control

Prerequisites:

Motion View must be selected or installed

1 Power Cond., 3phase 50KVA, TrueBeam

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.

1 Main Circuit Breaker Panel

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 Filtrine Water Chiller: HE

Catalog #: OVI001007007

See Filtrine Specification sheet for details

Section 2 Eclipse Add Ons

1 4D Planning

Description:

This includes ONE (1) 4D Planning license.

FEATURE(S):

1. Import, export and management of 4D CT and PET image sets
2. Automatically register phase- or amplitude-binned image series together with any corresponding derived image series such as MIP, Min-IP, Average-IP or Free Breathing images.
3. View and assess the motion by displaying the 4D image series as movie loops and as blended (or "blinking") images for contouring, field setup and plan review
4. Display 4D image sets in 2D, 3D and digitally reconstructed radiograph (DRR) views.
5. Automatically create ITV's (Internal Target Volumes)

LICENSE(S):

1. 4D Planning License

PRE-REQUISITE(S):

1. Software version 8.5 or higher must be installed on all Eclipse in the network.

1 STD TRNG: 4D Planning

Training is included with the purchase of 4D Planning. Training plan details will be provided by the training management team as part of your product implementation process

- Offer is valid for 18 months after installation of product.

Training is not transferable with other products and services

1 Electron Monte Carlo

Description:

Site license for a fast Monte Carlo algorithm.

FEATURE(S):

1. Algorithm for calculation of dose for electron fields on Varian accelerators.

LICENSE(S):

1. Electron Monte Carlo

PRE-REQUISITE(S):

1. Latest software version must be installed on all Eclipse in the network.
2. Varian accelerator

1 Portal Dosimetry Package

Portal Dosimetry Package

Description:

This includes one (1) each of Dose Image Acquisition and Dosimetry Review licenses and an additional Eclipse Dose Calculation license.

FEATURES:

1. Provides capability to perform pre-treatment IMRT QA.
2. Provides the ability to generate dose prediction images with the Eclipse planning system, to acquire dose images with the PortalVision electronic imager, and the ability to view and evaluate the correlation between images.
3. Provides automatic calculation of dose images for RapidArc® radiotherapy technology or conformal-arc IMRT treatment fields, which become part of the verification plan for a treatment. (This is available in v10.0 or higher and Eclipse RapidArc Planning License is present.)

LICENSE(S):

1. One (1) Portal Dosimetry license (Dose Image Acquisition at one PortalVision, and one Varian Dosimetry Review license)
2. One (1) Eclipse Portal Dose Calculation license

PRE-REQUISITES:

1. Eclipse 3D Treatment Planning System (not including Eclipse SV)
2. PortalVision amorphous silicon imaging system
3. Compatible version of Varian Information Management system, or
4. Compatible version of Varian Image Management system
5. Dedicated Varian Image management server hardware.

1 INCL ED: EC203 Portal Dosimetry

- Includes Tuition and Materials for ONE person.
- Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals), unless otherwise stated.
- Course is non-refundable and non-transferable.
- Offer is valid for 18 months after installation.

The Portal Dosimetry course will cover commissioning, calibration and operation of Portal Dosimetry system. Course intended for the Physicist.

Topics covered include introduction to Portal Dosimetry system covering hardware and software, Portal Dosimetry calibration, acquisition of portal dose images for dynamic delivery, analysis of portal dose images and recommended QA tests. Course curriculum includes practical exercises with live beam using aSi1000 Portal imager.

Prerequisites:

- User of Varian PortalVision system, basic knowledge of Vision system
- Attendance in the Eclipse Administration and Physics course
- Recommend attendance in the Eclipse IMRT Administration and Physics course
- Clinical IMRT experience

Length

2 Days

For detailed course information and on-line registration, visit the Varian website at <http://www.varian.com/index.html>.

1 Additional Portal Dosimetry License

This includes an additional each of Dose Image Acquisition and Dosimetry Review licenses and an additional Eclipse Dose Calculation license.

FEATURES:

1. Provides capability to perform pre-treatment IMRT QA.
2. Provides the ability to generate dose prediction images with the Eclipse planning system, to acquire dose images with the PortalVision electronic imager, and the ability to view and evaluate the correlation between images.
3. Provides automatic calculation of dose images for RapidArc® radiotherapy technology or conformal-arc IMRT treatment fields, which become part of the verification plan for a treatment. (This is available in v10.0 or higher and Eclipse RapidArc Planning License is present.)

LICENSE(S):

1. One (1) Portal Dosimetry license (Dose Image Acquisition at one PortalVision, and one Varian Dosimetry Review license)
2. One (1) Eclipse Portal Dose Calculation license

PRE-REQUISITES:

1. Eclipse 3D Treatment Planning System (not including Eclipse SV)
2. PortalVision amorphous silicon imaging system
3. Compatible version of Varian Information Management system, or
4. Compatible version of Varian Image Management system
5. Dedicated Varian Image management server hardware.

1 Eclipse Acuros External Beam

Eclipse™ treatment planning with Acuros™ advanced dose calculation

DESCRIPTION: This includes a site license for Acuros External Beam

FEATURE(S):

1. Dose calculation algorithm for photons using a grid-based Boltzmann solution to achieve the same accuracy as Monte Carlo with no statistical noise in a fraction of the calculation time.

LICENSE(S):

1. Acuros External Beam

PRE-REQUISITE(S):

1. Eclipse version 10.0 or higher must be installed on all Eclipse workstations in the network.

Eclipse RapidArc Planning License 1st

DESCRIPTION: This includes one (1) Eclipse Dose Dynamic Arc module for RapidArc planning

FEATURE(S):

1. Eclipse Dose Dynamic Arc option for RapidArc planning supports dynamic arc treatments produced through volumetric dose optimization.
2. This option uses Dynamic MLC, variable dose rate, and variable gantry speed to generate intensity modulated dose distributions in optimized arcs.
3. Supports coplanar and non-coplanar arcs.
4. Supports full arcs, partial arcs and avoidance sectors.
5. Automated determination of number of arcs and number of isocenters for large targets. (This is available in v10.0 or higher.)
6. Simple collision detection rules. (This is available for v10.0 or higher.)
7. Automatic Normal Tissue Objective. (This is available for v10.0 or higher.)
8. Mean dose objective. (This is available for v10.0 or higher.)

LICENSE(S):

1. Eclipse Dose Dynamic Arc software option and license
2. Conformal Arc for dMLC

PRE-REQUISITE(S):

1. Eclipse version 8.6 or higher must be installed on all Eclipse workstations in the network
2. Interactive IMRT Planning on Eclipse workstations
3. Varian Linear Accelerator with RapidArc Delivery
4. Minimum hardware requirements as per http://www.varian.com/us/oncology/services_and_support/hardware_specifications/

INCL ED: EC112 Eclipse Inv PIng RA

- Includes Tuition and materials for ONE person.
- Attendees will be responsible for their own, airfare, hotel, rental car, meals and other travel incidentals.
- Training is non-refundable and non-transferable.
- Offer is valid for 18 months after installation of product.

The Rapid Arc course provides instruction on Rapid Arc planning.

The target audience for the class is anyone involved with treatment planning, specifically Dosimetrists.

The course will provide instruction in the treatment planning principles and knowledge to support planning in Rapid Arc. The lab portion will provide hands-on Rapid Arc planning experience under the guidance of a Varian instructor.

Prerequisites:

- Must observe prerecorded Rapid Arc Operations Live Meeting prior to class attendance
- Experience with and knowledge of Eclipse IMRT treatment planning
- Basic knowledge of computers and the Windows Operating system

Length & Location:

1 1/2 days

Varian Education Center, Las Vegas, NV

2 Eclipse RapidArc Planning License Addl

DESCRIPTION: This includes one (1) additional Eclipse Dose Dynamic Arc module for RapidArc planning license

FEATURE(S):

1. Eclipse Dose Dynamic Arc option for RapidArc planning supports dynamic arc treatments produced through volumetric dose optimization.
2. This option uses Dynamic MLC, variable dose rate, and variable gantry speed to generate intensity modulated dose distributions in optimized arcs.
3. Supports coplanar and non-coplanar arcs.
4. Supports full arcs, partial arcs and avoidance sectors.
5. Automated optimization of multiple isocenter plans. (This is available in v10.0 or higher.)
6. Simple collision detection rules. (This is available for v10.0 or higher.)
7. Automatic Normal Tissue Objective. (This is available for v10.0 or higher.)
8. Mean dose objective. (This is available for v10.0 or higher.)

LICENSE(S):

1. Eclipse Dose Dynamic Arc software option and license
2. Conformal Arc for dMLC

PRE-REQUISITE(S):

1. Eclipse version 8.6 or higher must be installed on all Eclipse workstations in the network
2. Interactive IMRT Planning on Eclipse workstations
3. Varian Linear Accelerator with RapidArc Delivery
4. Minimum hardware requirements as per http://www.varian.com/us/oncology/services_and_support/hardware_specifications/

ARO:

The current best estimate for installation lead time is 150 days.

1 Smart Adapt

Description: A license for multi-modality rigid image registration, deformable image registration, contour editing and PET contouring.

FEATURES:

Multi-modality image review
Correlated window leveling
Deformable image registration, CT, CBCT and MR
Manual deformable registration editing
Automatic Rigid multi-modality image registration (CT, MR, PET, CBCT), including registration chaining
Manual rigid registration
Point based rigid Registration
Choice between several registration settings and constraints
Registration review , inclusive difference renderer
Automatic structure propagation between registered images
Sophisticated structure editing tools , 2D and 3D
Display statistic information of Volume and Center Mass Changes for co-registered data
Review and approval of structures
Registration approval
Iso-contouring for PET and PET/CT images

LICENSES:

Multimodality Image Registration

PRE-REQUISITE(S):

Eclipse Treatment Planning System or ARIA version 10.0 or higher

OTHER:

Installation

1 STD TRNG: SmartAdapt

Catalog #: IAB001002044

Training is included with the purchase of SmartAdapt. Training plan details will be provided by the training management team as part of your product implementation process.

- Offer is valid for 18 months after installation.

Training is not transferable with other products and services

1 Smart Adapt-Addl

Catalog #: CPT001004002

Description: This includes an additional one (1) license for multi-modality rigid image registration, deformable image registration, contour editing and PET contouring.

FEATURES:

Multi-modality image review

Correlated window leveling
Deformable image registration, CT and CBCT
Manual deformable registration editing
Automatic Rigid multi-modality image registration (CT, MR, PET, CBCT), including registration chaining
Manual rigid registration
Point based rigid Registration
Choice between several registration settings and constraints
Registration review , inclusive difference renderer
Automatic structure propagation between registered images
Sophisticated structure editing tools , 2D and 3D
Display statistic information of Volume and Center Mass Changes for co-registered data
Review and approval of structures
Registration approval
Iso-contouring for PET and PET/CT images

LICENSES:

Multimodality Image Registration

PRE-REQUISITE(S):

Eclipse Treatment Planning System or ARIA version 10.0 or higher.

SmartAdapt option must be on order or on-site.

OTHER:

Installation

Section 3 ARIA Add Ons

ARIA Activity Capture

DESCRIPTION:

Activity Capture is a component of the oncology information system, ARIA. Activity Capture allows the user to capture comprehensive data for services rendered and activities executed within the department. The application captures and exports completed procedure codes along with associated costs, charges or other user-defined attributes.

FEATURES:

1. Supports relative value units, workload, and custom activity or billing codes in order to capture associated activity costs and productivity information;
2. Captures cost/charge information for completed services or clinical activities based on tasks and appointments;
3. Auto-captures treatment delivery and simulation activities;
4. Provides automated audit and review tools allowing the user to determine accuracy of charges/costs captured;
5. Supports credits for previously exported activities to aid in keeping a current

charge capture record;

6. Supports multiple modifiers;
7. Exports captured activity information to hospital or private billing systems (requires IEM Billing Out when exporting to HL7 compliant systems);
8. Financial reports can be generated from the data captured by Activity Capture; and
9. Message ticker for departmental updates.

LICENSE: Activity Capture license for ONE (1) concurrent user.

PREREQUISITES:

1. Varian System Database;
2. ARIA-compatible workstation in a networked environment; and
3. Time Planner Application (to support auto-prompt feature).

CUSTOMER RESPONSIBILITY:

1. Define and/or approve the activities/charge master;
2. A properly networked environment (for detailed information on network requirements, refer to the Network Configuration Guidelines at <http://www.varian.com/aria>); and
3. ARIA-compatible hardware, if purchased by customer (for detailed information on hardware requirements, refer to <http://www.varian.com/aria>).

NOTE(S):

1. Requires IEM Billing Out if charges/costs are to be exported electronically to an HL7-compliant financial system (customer should complete Activity Capture training prior to IEM installation).

1 STD TRNG: Activity Capture Support

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Training is included with the purchase of the Activity Capture. Training plan details will be provided by the training management team as part of your project implementation process.

-Offer is valid for 18 months after installation of product.

1 ARIA Patient Manager

DESCRIPTION:

Patient Manager is a comprehensive electronic medical record (EMR) providing core clinical management for ARIA. Primary functionality includes patient charting, diagnosis, staging, treatment plan management, machine scheduling and reporting capabilities.

FEATURES:

1. Patient treatment summary page provides a fast at-a-glance patient chart view for both the Radiation Therapy and Medical Oncology charts;
 2. Tabbed interface for easy viewing, editing and navigation;
 3. Setup/Field photos saved to provide a complete patient record;
 4. Wizard driven diagnosis and staging, Smart Staging;
 5. Note tab for documenting (free text) patient encounters;
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6. Patient Care Path for tracking all appointments, activities and status over the course of treatment;
 7. Pre-scheduling of EPID images to be acquired at treatment time;
 8. Treatment plan and image management from one screen;
 9. Prescription and treatment plan approval drive the patient managerial process;
 10. Session scheduling based on approved prescription;
 11. Integrated with Multi-leaf Collimator (MLC) field shaping software;
 12. Graphical display of treatment setup;
 13. History tracking for treatments (manual and verified), overrides, portal imaging, dose corrections and custom coding;
 14. Accelerator and simulator scheduling;
 15. Collection of reports used to analyze patient managerial data and processes;
- and
16. Database Access license included for client access to server.
 17. Enhanced Diagnosis tools including smart staging based on AJCC.
 18. The Image Browser is a multi-modality image viewer which supports CT, MRI, PET. (This is only available in v.8.6 or higher).

LICENSE: Patient Manager license for ONE (1) concurrent user.

PREREQUISITES:

1. Varian System Database;
2. ARIA-compatible workstation in a networked environment; and
 - a) Visit our Website at <http://www.varian.com/ARIA> for updated information regarding workstation hardware
3. Microsoft® Windows XP Professional or Microsoft® Vista operating system installed on workstation(s)
 - a) Windows Vista is only available for ARIA v.8.6 or later

NOTES:

1. The use of ICD-10 in this Product does not imply any endorsement by WHO of any specific product.
2. The ICD-10 codes shall not be amended, abridged, translated, deleted or in any other way changed without the consent of WHO.
3. The ICD-10 codes are for the internal use of the end user. They are not to be reproduced, transmitted or distributed outside of the user's organization in any form or by any means.
4. ICD-10 is distributed without warranty of any kind, either express or implied. In no event shall the World Health Organization be liable for damages, including any general, special, incidental, or consequential damages, arising out of the use of ICD-10.

CUSTOMER RESPONSIBILITY:

1. A properly networked environment (for detailed information on network requirements, refer to the Network Configuration Guidelines at <http://www.varian.com/ARIA>); and
 2. ARIA compatible hardware, if purchased by customer (for up-to-date and detailed information on hardware requirements, refer to <http://www.varian.com/ARIA>).
 3. Microsoft® Office 2000 and 2003 are compatible with ARIA v.8.6. (Microsoft Office 2007 is not yet qualified).
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1 ARIA Time Planner

Catalog #: ISB001005002

DESCRIPTION:

Time Planner is a component of the Oncology Information System. This software provides comprehensive resource and activity management for all resources configured within ARIA. It is used to manage appointments for resources (physicians, staff, equipment, rooms, etc.) within a department or across multiple departments and hospitals.

FEATURES:

1. Activity management for resources across multiple departments and hospitals;
2. Customizable independent workspace view settings per user;
3. Customizable display time granularity;
4. Repeating appointment scheduling for complete scheduling of treatment courses;
5. "Suggest next available time" feature suggesting open times for individual or multiple resources;
6. Real-time conflict resolution;
7. Task management designed to assist in streamlining workflow;
8. Care path management tracking all patient activity throughout hospitals/departments;
9. Waitlist management simplifies the scheduling of new patients within hospitals/departments;
10. Bar-coding capability for patient check-in and tracking;
11. Auto-capture of manually completed activities (requires Activity Capture application);
12. Customizable associated tasks per appointment type;
13. Message ticker display for departmental updates; and
14. Direct access to reports specific to activity and resource management.

LICENSE: Time Planner License for ONE (1) concurrent user.

PREREQUISITES:

1. Varian System Database;
2. Patient Manager; and
3. ARIA-compatible workstation in a networked environment.

CUSTOMER RESPONSIBILITY:

1. A properly networked environment (for detailed information on network requirements, ARIA-compatible hardware, if purchased by customer (for detailed information on hardware requirements, refer to <http://www.varian.com/ARIA>).

1 ARIA Chart QA

DESCRIPTION

Chart QA is a component of the Oncology Information System, ARIA, which allows clinical staff to review patient radiation therapy (RT) charts. Chart QA provides features to manage all patients currently on treatment and to review and approve their continuing course of treatment.

FEATURES:

1. Separate worklist to display a list of all patients currently undergoing treatment;
2. Summary workspace to display RT summary, sign off status, patient notes and alerts and review history;
3. Treatment workspace for users to review a patient's weekly course of treatment;
4. Review sign-off mechanism will automatically bill for rendered services using Activity Capture;
5. Complete search and sort capabilities (filters by status, users, patients or machines); and
6. Browse, view and print Chart QA documents, patient documents and reports.
7. Support for InVivo measurements

LICENSES: Chart QA License for ONE (1) concurrent user.

PREREQUISITES:

1. Varian System Database;
2. ARIA compatible workstation in a networked environment; and
3. Windows XP or Windows 2000 operating system installed on workstations.

CUSTOMER RESPONSIBILITY:

1. A properly networked environment (for detailed information on network requirements, refer to the Network Configuration Guidelines at <http://www.varian.com/ARIA>); and
2. ARIA compatible hardware. For detailed information on hardware requirements, refer to <http://www.varian.com/aria>.
3. The in-vivo interface is an additional purchasable option.

Section 4 ARIA Hardware

1 Computer Workstation w/o Monitor

Catalog #: ISB001016005

Varian currently provides state-of-the-art Intel® Core™ 2 Duo® single processors with Dell computers for remote workstations. Monitor is not included. Current choices are 17" or 20" black panel LCD.

NOTES:

1. Varian reserves the right to upgrade this workstation's hardware to the then current model available at time of shipment.
2. Varian will not be responsible for service and support for any customer purchased computer hardware or software.
3. For a detailed description of our hardware recommendations, please refer to the Varian website: <http://www.varian.com/hardwarespecs>.

Though not recommended, customers may purchase their own hardware from DELL® or their preferred supplier as long as the equipment meets or exceeds the recommended hardware requirements.

1 20" LCD Monitor

Section 5 TrueBeam Admin

7 Varian Education Flex-Credit

Varian Education FlexCredits are to be used for the purchase of Education courses provided by Varian Medical Systems at one of our education centers. Entitlement training is not transferable for other courses, products or services and cannot be applied towards flex credits.

Varian Education FlexCredits are applicable only to Varian Education courses. FlexCredits cannot be applied towards the purchase other Varian products or services. Varian Education FlexCredits expire 24 months after purchase.

Flex credits are for the intended use of the courses as listed below. These courses are interchangeable for other Varian education courses, provided that the changes are equivalent to the total quantity of flex credits purchased.

Training Descriptions and Credits Required:

ED: EC112 Eclipse Inv Plan - RapidA Only - (Qty: 1, 2 credits each)

Replaces Course RapidArc Operations EDB001002030

Designed for Medical Dosimetrists experienced in Eclipse and IMRT

Pre-Requisites: Completion of EC101 Eclipse Basic Operations, or be able to demonstrate equivalent knowledge.

Software Version: V11 – for other versions please contact your training coordinator

Description: This course replicates the last day of EC102 and has been designed specifically for experienced Eclipse IMRT users who are new to RapidArc. It is also suitable for experienced RapidArc users changing from version 8.9 or earlier. It covers the detailed use of Progressive Resolution Optimizer within Eclipse for the creation of RapidArc plans only. The course consists of lectures, instructor-led demonstrations, and individual hands-on exercises.

PLEASE NOTE: This course does not include instruction on basic Eclipse Operations (see EC101), IMRT planning (see EC102). It does not cover system and MLC Configuration, IMRT/RapidArc QA, or the physics and commissioning of any algorithms (see EC201 and EC202).

Duration & Location 2.0 days at Las Vegas, Nevada, USA
FlexCredits Eligible

Section 6 Gating Education

2 Varian Education Flex-Credit

Catalog #: PEC001001002

Varian Education FlexCredits are to be used for the purchase of Education courses provided by Varian Medical Systems at one of our education centers. Entitlement training is not transferable for other courses, products or services and cannot be applied towards flex credits.

Varian Education FlexCredits are applicable only to Varian Education courses. FlexCredits cannot be applied towards the purchase other Varian products or services. Varian Education FlexCredits expire 24 months after purchase.

Flex credits are for the intended use of the courses as listed below. These courses are interchangeable for other Varian education courses, provided that the changes are equivalent to the total quantity of flex credits purchased.

Training Descriptions and Credits Required:

ED: CL222 Respiratory Gating - (Qty: 1, 2 credits each)

Replaces Course RPM, Real-Time Position Management, Respiratory Gating
Administration and Operations EDB001002031
Designed for Radiation Therapists and Medical Physicists
Pre-Requisites: None
Software Version: OBI 1.5, TrueBeam 1.6

Description: The goal this course is to provide participants with sufficient knowledge of the principles and practice of respiratory gating in radiation oncology for clinical implementation. The Respiratory Gating course will cover the following topics: rationale for respiratory gating, clinical application of respiratory gating, general overview of respiratory-gated CT simulation, respiration-synchronized conventional simulation, and respiratory-gated treatment delivery for both Conformal Radiotherapy and IMRT/VMAT. The course also covers the acceptance test procedures for Respiratory Gating and routine QC/QA procedures for respiratory-gated treatment.

PLEASE NOTE: This course is suitable for both Clinac and TrueBeam users.

Duration & Location 1.5 days at Las Vegas, Nevada, USA
FlexCredits Eligible

Section 7 Travel and Lodging

1 Travel and Lodging

Catalog #: VAR001001003

Allowance is applied only to the travel and lodging expenses, including airfare, hotel accommodations and rental car.

The customer is responsible for any expenses outside of the allowance. Travel and lodging charges will be direct billed and are not reimbursable if travel is booked outside of Balboa Travel. The hotel must be Varian preferred. Any remaining balance is non-refundable.

Please contact Balboa Travel Agency at 877-593-7220 in order to make the necessary travel arrangements once you complete the online registration at www.variantraining.com and receive an email confirmation for the course. Be sure to provide Balboa your Varian sales order number.

This Travel and Lodging allowance expires 18 months from the acceptance date of your equipment.