

For: VA DETROIT JOHN D DINGELL MEDICAL CENTER
4646 John R Street
Detroit, MI 48201

PO 553-B50027

VitreExtend Basic package provides 2-D, 3-D and 4-D advanced visualization tools within the hospital network for one diagnostic professional to view and evaluate anatomy and pathology at 5 access points. Offering outstanding image quality and clinical flexibility, the VitreaExtend Basic package includes the following:

- One year software maintenance and warranty upon delivery
- The VitreaExtend workstation with 30 inch display
- One concurrent VitreaExtend Basic user license
- Five Access points
- Five hours Remote Professional Services
- Six VitalU Education Units
- Customer must sign Vital Images software license agreement

Vitre CT Brain Perfusion 2D

CT Brain Perfusion provides visualization of apparent blood flow, blood volume and mean transit time (MTT), which can help physicians determine the presence of acute cerebral infarcts in brain tissue affected in an acute stroke.

Vitre CT VScore Software

For coronary artery calcium scoring

Vitreia CT Lung Analysis

CT Lung Analysis aids in measuring and characterizing lung nodules. The interface and automated tools help to efficiently determine growth patterns and compose comparative reviews.

Vitreia CT Colon Analysis

CT Colon Analysis provides clinicians with the ability to perform CT colonography. It provides optimized layouts for 2D and 3D examination of the lumen, including tools for quantitative analysis of suspected polyps

Vitreia CT General Vessel Probe

The Vitrea Vessel Probe tool is a single-click curved planar reformatting tool used for vascular analysis. Vessel Probe supports multi-modalities, including CT, MR and XA-3D Angio datasets.

VitalU Education

VitalU education units are included with each VitreaExtend. VitalU education units included with Vitrea workstation packages can be applied in any combination toward the cost of courses offered below.

Course Title	Setting	Days	Units
Advanced Visualization Fundamentals	Classroom	3	2
Advanced Visualization Fundamentals - Core (Prerequisite: Advanced Visualization Fundamentals)	Classroom	1	1
Specialty Instruction for Colonography, Cardiovascular, Neurology or Oncology (Advanced)	Classroom	2	2
Advanced Enterprise Administrator	Classroom	2	3
Advanced Visualization Course	Client Facility	2	6
Enterprise Advanced Visualization	Client Facility	3	9
Four Hour Webinar Tailored to Client Site	Online	.35	1
On-Site, Five Classroom, Add-on	Client Facility	N/A	3
Include travel to classroom	N/A	N/A	2
eLearning Videos	Online	N/A	Unlimited
VitalU Webinars	Online	N/A	Unlimited
A Vital Images representative will contact the customer to set up training.			

VitreExtend Multiple-User Enhancement package expands the 2-D, 3-D and 4-D advanced visualization tools to three concurrent diagnostic professionals to view and evaluate anatomy and pathology. Offering outstanding image quality and clinical flexibility, VitreaExtend Multiple-User Enhancement package includes the following:

- One year software maintenance and warranty upon delivery*
- Two additional concurrent VitreaExtend basic user licenses
- Five hours of Remote Professional Services
- Six VitalU Education Units
- Customer must sign Vital Images software license agreement

VitalU Education

VitalU education units are included with each VitreaExtend. VitalU education units included with Vitrea workstation packages can be applied in any combination toward the cost of courses offered below.

Course Title	Setting	Days	Units
Advanced Visualization Fundamentals	Classroom	3	2
Advanced Visualization Fundamentals - Core (Prerequisite: Advanced Visualization Fundamentals)	Classroom	1	1
Specialty Instruction for Colonography, Cardiovascular, Neurology or Oncology (Advanced)	Classroom	2	2
Advanced Enterprise Administrator	Classroom	2	3
Advanced Visualization Course	Client Facility	2	6
Enterprise Advanced Visualization	Client Facility	3	9
Four Hour Webinar Tailored to Client Site	Online	.35	1
On-Site, Five Classroom, Add-on	Client Facility	N/A	3
Include travel to classroom	N/A	N/A	2
eLearning Videos	Online	N/A	Unlimited
VitalU Webinars	Online	N/A	Unlimited
A Vital Images representative will contact the customer to set up training.			

VitreExtend Cardiovascular Collaboration package provides 2-D, 3-D and 4-D advanced visualization tools for one diagnostic professional to view and evaluate anatomy and pathology. Offering outstanding image quality and clinical flexibility, VitreaExtend Cardiovascular Collaboration package includes the following:

- One year software maintenance and warranty upon delivery*
- Five hours Remote Professional Services
- Six VitalU Education Units
- Customer must sign Vital Images software license agreement

Vitre CT Cardiac Analysis & CFA Software

CT Cardiac Analysis enables physicians to determine the presence and extent of coronary obstructive disease by displaying the extracted anatomy in a variety of views. The interface and automated tools help to efficiently analyze the coronary arteries.

CT Cardiac Functional Analysis (CFA) utilizes CT images of the heart to assist cardiologists and radiologists in assessing cardiac function for the left ventricle. Clinicians are able to view the cardiac phases dynamically and review the calculated results.

Vitre CT Myocardial Analysis

CT Myocardial Analysis enables the visualization and analysis of the myocardium with segmentation, color coding and polar maps. Analysis tools include measurements and comparison ratios. CT Myocardial Analysis also includes reporting tools for formatting findings and user selected areas of interest.

Key Features

- Automatic segmentation of myocardium
- Quantitative measurements, including Myocardial Mass, and Hounsfield Unit (HU) attenuation
- Support for single or dual-volume exams

Vitre CT SUREPlaque™

CT SUREPlaque provides the visualization and measurement of vessel walls and plaque characteristics in arterial vessels using color defined Hounsfield Unit (HU) ranges through a streamlined workflow. It can assist in the stratification of patients identified to have atherosclerosis.

Vitre CT TAVR Analysis

CT Transcatheter Aortic Valve Replacement (TAVR) Planning assists with the assessment of the aortic valve and in pre-operational planning and post-operative evaluation of transcatheter aortic valve replacement procedures.

Vitre CT General Vessel Probe

The Vitrea Vessel Probe tool is a single-click curved planar reformatting tool used for vascular analysis. Vessel Probe supports multi-modalities, including CT, MR and XA-3D Angio datasets.

VitalU Education

VitalU education units are included with each Vitrea workstation. VitalU education units included with Vitrea workstation packages can be applied in any combination toward the cost of courses offered below.

Course Title	Setting	Days	Units
Advanced Visualization Fundamentals	Classroom	3	2
Advanced Visualization Fundamentals - Core (Prerequisite: Advanced Visualization Fundamentals)	Classroom	1	1
Specialty Instruction for Colonography, Cardiovascular, Neurology or Oncology (Advanced)	Classroom	2	2
Advanced Enterprise Administrator	Classroom	2	3
Advanced Visualization Course	Client Facility	2	6
Enterprise Advanced Visualization	Client Facility	3	9
Four Hour Webinar Tailored to Client Site	Online	.35	1
On-Site, Five Classroom, Add-on	Client Facility	N/A	3
Include travel to classroom	N/A	N/A	2
eLearning Videos	Online	N/A	Unlimited
VitalU Webinars	Online	N/A	Unlimited
A Vital Images representative will contact the customer to set up training.			

VitreExtend Pre-planning package provides 2-D, 3-D and 4-D advanced visualization tools for diagnostic professionals to view and evaluate anatomy and pathology. Offering outstanding image quality and clinical flexibility, this package includes the following:

- One year software maintenance and warranty upon delivery*
- Six VitalU Education Units
- Customer must sign Vital Images software license agreement

Note: Requires VE-VIT-TUSBASIC VitreaExtend Basic package

Vitreia fX CT Brain Analysis 4D

- CT Brain Analysis 4D aids with assessing the whole brain and evaluating perfusion deficits by displaying 4D-DSA (digital subtraction angiography) views of blood flow in the vessels and 3D perfusion maps. It supports the physician in visualizing the apparent blood perfusion in brain tissue affected by acute stroke. Automated tools help to efficiently visualize anatomy and pathology.

Vitreia fX CT Body Perfusion

CT Body Perfusion 4D for fX enables whole organ functional assessment using Toshiba's Aquilion® ONE CT scanner. Parametric maps, based on the contrast flow through an organ, provide additional information to aid clinical decision-making. Views and layouts for dynamic display of images are created throughout the duration of the scan.

Vitreia CT Cardiac EP Planning

CT Cardiac EP Planning enables analysis and assessment of the left atrium and pulmonary veins. The application provides optimized 2D and 3D views with tools for quantitative measurements and 3D model export capabilities.

Vitreia CT Endovascular Stent Planning

CT Endovascular Stent Planning (EVSP) enables visualization and measurements of aortic vessels for evaluation, treatment and follow-up for aortic vascular disorders. It automates 3D segmentation of the aorta and initializes stent measurements, based on a template provided by stent manufacturers for a highly efficient workflow.

Vitreia CT Liver Analysis

CT Liver Analysis provides tools for segmenting and quantifying the liver and liver-related tumors. It provides automatic registration for display of multiple series, optimized screen layouts and quantification tools for routine clinical measurements.

Key Features

- Single-click anatomy segmentation
- Visualization layouts for pre-surgical planning and tumor response assessment
- Quantitative measurements of segmented regions of the liver

Vitreia CT TAVR Analysis

CT Transcatheter Aortic Valve Replacement (TAVR) Planning assists with the assessment of the aortic valve and in pre-operational planning and post-operative evaluation of transcatheter aortic valve replacement procedures.

Vitre CT General Vessel Probe

The Vitrea Vessel Probe tool is a single-click curved planar reformatting tool used for vascular analysis. Vessel Probe supports multi-modalities, including CT, MR and XA-3D Angio datasets.

Vitre XA Angio Package

Vitre's VL 3D-Angio software provides visualization and analysis tools for rotational images acquired in angiography labs. 3D angiography provides enhanced 3D views of complex anatomy.

Key Features:

- Digital subtraction angiography (DSA) protocol with preset visualization settings for 3D evaluation of vessels
- Multi-volume fusion for displays of vessels, device and bone
- Standard 3D tools for dataset work
- Single-click segmentation, with automatic centerline and lumen boundaries, on DSA and digital angiography (DA) cases
- Displays clinical angles (CRA or CAU, RAO or LAO) in WHITE which can be reproduced, and displays the angles in RED when they can not be reproduced, and these angles update automatically as volume view is rotated
- Clinical angles can be sent back to X-ray system for positioning of the C-arm with a single click (*Toshiba Infinix labs only*)

VitalU Education

VitalU education units are included with each Vitrea workstation. VitalU education units included with Vitrea workstation packages can be applied in any combination toward the cost of courses offered below.

Course Title	Setting	Days	Units
Advanced Visualization Fundamentals	Classroom	3	2
Advanced Visualization Fundamentals - Core (Prerequisite: Advanced Visualization Fundamentals)	Classroom	1	1
Specialty Instruction for Colonography, Cardiovascular, Neurology or Oncology (Advanced)	Classroom	2	2
Advanced Enterprise Administrator	Classroom	2	3
Advanced Visualization Course	Client Facility	2	6
Enterprise Advanced Visualization	Client Facility	3	9
Four Hour Webinar Tailored to Client Site	Online	.35	1
On-Site, Five Classroom, Add-on	Client Facility	N/A	3
Include travel to classroom	N/A	N/A	2
eLearning Videos	Online	N/A	Unlimited
VitalU Webinars	Online	N/A	Unlimited

