GE Healthcare

ViewPoint 6

Ultrasound PACS and Reporting Solutions

CLEAR INFORMATION
at your fingertips

ViewPoint* 6 is GE's ultrasound image management and reporting solution that can help enhance efficiency and quality in your daily routine.

Manage your data in one solution and connect seamlessly with your ultrasound and IT systems to help enhance your current investment. With customizable reporting and interfaces, ViewPoint 6 is scalable to meet your unique needs.

IMAGE MANAGEMENT
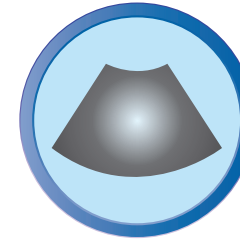
- Reduce need to print images with digital image storage
- Easily access images, clips, and volumes all in one place
- Analyze data offline with integrated post-processing applications

REPORTING

- Provide clean, comprehensive, easy to read reports to referring physicians
- Reduce errors when measurements auto-populate the report
- Complete a report faster with quick report templates

WORKFLOW
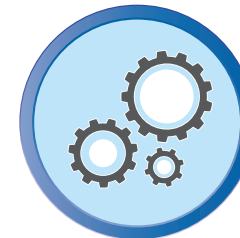
- Digitize workflow with electronic reporting worksheets
- Reduce manual entry by sending order and patient data from EMR to the ultrasound
- Print final report, fax to a referring physician, and send a report to an EMR all with a single click

IT INTEGRATION

- Enhance communication with seamless integration to existing IT systems like PACS & EMR as well as dictation systems
- Connect with multi-vendor ultrasound and IT systems
- Build a solution to meet your unique integration needs

SERVICE AND SUPPORT

- Rely on our experienced service team including clinical, interface, technical, and support professionals
- Work with a dedicated project manager to help organize and implement your installation
- Call or email our dedicated help desk for assistance

ViewPoint 6 can help enhance your workflow, save time, reduce errors, and enhance communication.

IMAGE REVIEW
built for ultrasound

An image viewer that provides quick and easy access to images, clips and volumes, helping to enhance confidence.

Whether you receive images from one ultrasound system or thousands of images from multiple systems, ViewPoint 6 can manage them in one workstation.

This comprehensive digital storage helps eliminate the need to print images, helping to reduce costs for thermal paper. Each user can set up his or her own preferences, including the ability to view one image at a time or show images side by side with the report. You can even set it up to view images across up to 4 monitors for fast review of large studies.

Features in the image gallery that help improve productivity and quality of review include:

- Auto-play cine clips
- Re-arrange images
- Enhance brightness and contrast
- Annotate and comment on images
- Re-measure calibrated images
- Compare images side by side from previous studies
- Post-process 3D/4D volumes as well as cine clips for more diagnostic information with the integrated plugin
- Export key images for presentations or teaching files

As a scalable solution, ViewPoint 6 helps optimize your workflow by offering the option to integrate seamlessly with an existing PACS system to store images. ViewPoint 6 also has the power to be a stand-alone image archive solution for private clinics and independent departments.

Empowered with 4D-View

Integrated tools to help improve your diagnostic confidence

Get a better view when post-processing ultrasound data sets. ViewPoint 6 features integrated post-processing tools to allow you to manipulate and analyze volumes and data sets at an offline workstation, freeing up your ultrasound system to help improve workflow. No matter your care area, we have the program for you.

With 4D View, you can manipulate volumes from LOGIQ* and Voluson* systems to get additional views. You can also open cine clips as a volume in 4D View for additional review. Any new images or clips you create are saved back into the patient record, so your patient information is in one location.

Your ultrasound system's functionality is available in 4D View, including:
- Reconstruct any plane
- Create rendered images
- Add measurements and annotations
- Diagnostic support including
  - STIC: Spatio Temporal Image Correlation
  - SonoAVC*: Sonographer based Automated Volume Count
  - SonoNT: Sonography based Nuchal Translucency
  - SonoVCAD*: Sonography based Volume Computer Aided Display
 - SRI: Speckle Reduction Imaging

PROFESSIONAL REPORTING
Simplified

ViewPoint 6 helps efficiently create comprehensive, clear reports

Standardized, comprehensive reports can be created quickly and efficiently with ViewPoint 6. Images and measurements are transferred directly from the ultrasound system to the ViewPoint 6 reporting screen to help reduce transcription errors. A preliminary report can be created in just a few steps using quick report templates to auto-populate details and comments. A highly customizable interface allows you to hide any fields you don't use, rearrange sections in the report, and even create new exam types based on your needs. From your measurements, graphs or charts are created based on your preferences and added to your report automatically. Say goodbye to paper worksheets with digital storage of all your reports in ViewPoint 6.

Physicians can review a preliminary report and easily add their final impressions to complete the report. The result is a clean, organized report with images, graphs, diagrams, and all the most important details to provide to referring physicians. With a quick change of the exam status, the report is finalized, locked, electronically signed, and can be set to auto-print, fax, create a PDF, or send to an EMR – all in one click.
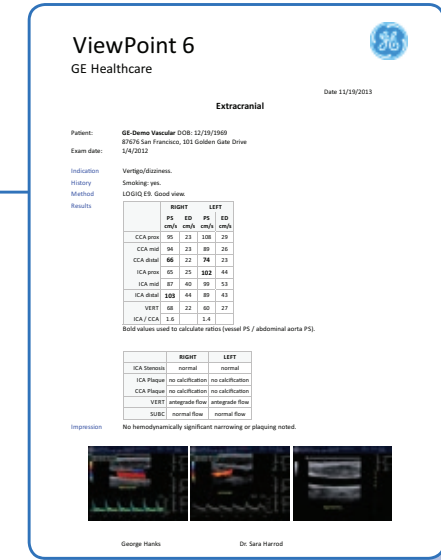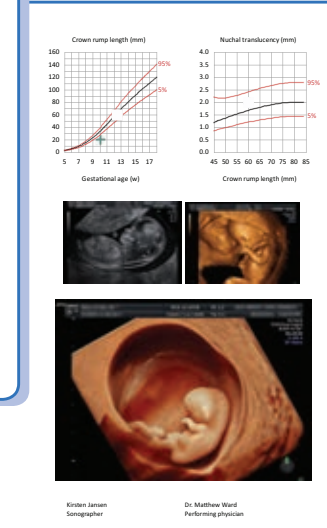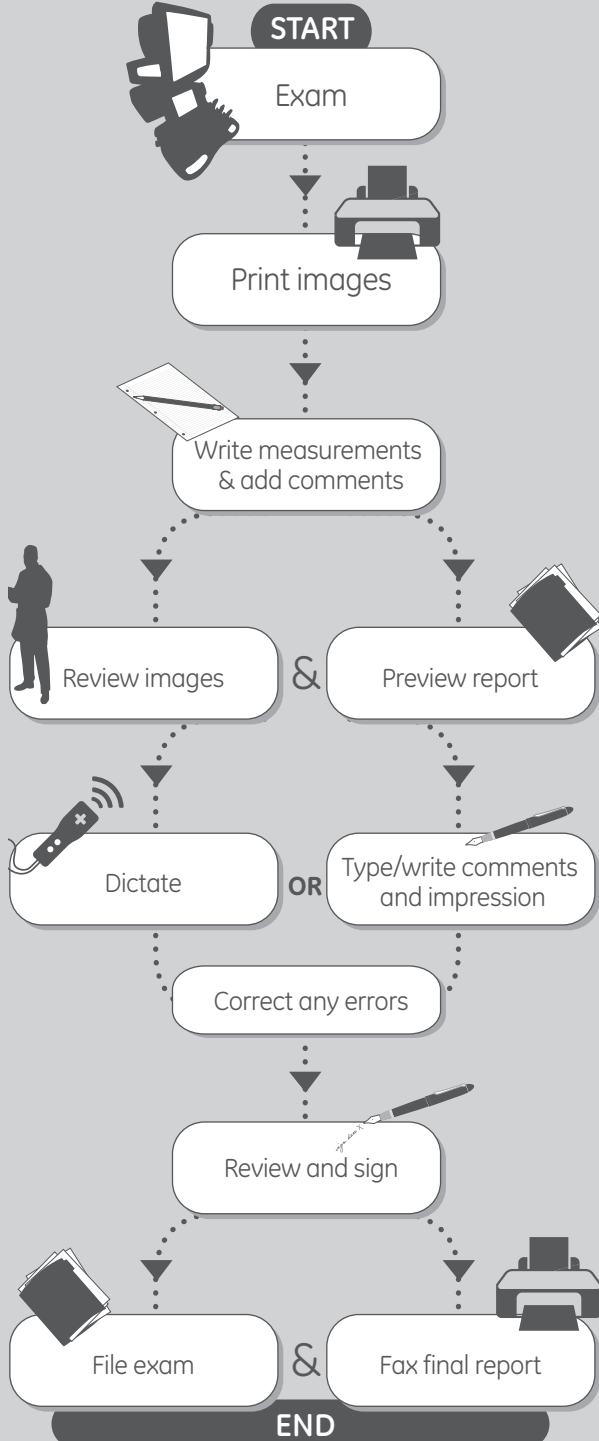

ViewPoint 6 provides a variety of specialized reporting modules:

- Maternal Fetal Medicine
- Obstetrics
- Gynecology
- General reporting
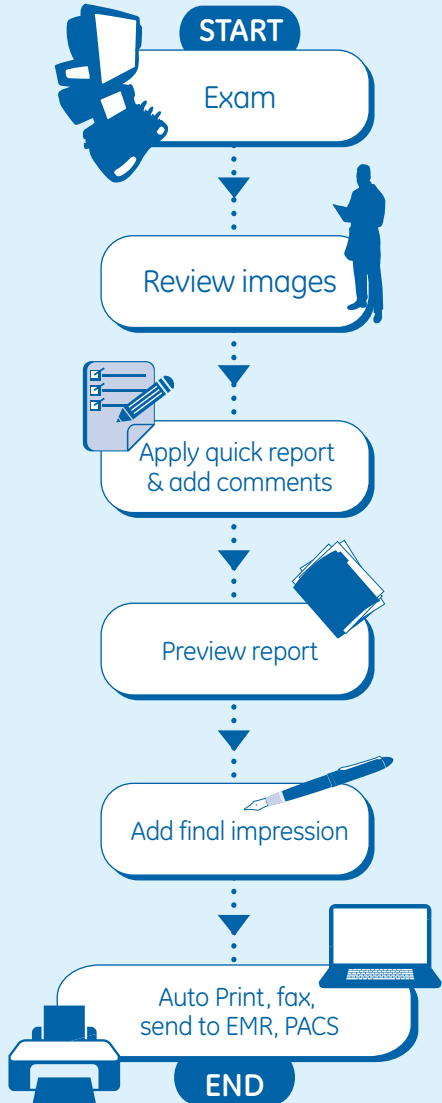- General Imaging
- Vascular
- Cardiology

Individual Ultrasound Workflows made efficient

ViewPoint 6 supports all steps of an ultrasound workflow, allowing for enhanced efficiency and data quality.

Workflow before ViewPoint 6

START
Exam
↓
Print images
↓
Write measurements & add comments
↓
Review images & Preview report
↓
Dictate OR Type/write comments and impression
↓
Correct any errors
↓
Review and sign
↓
File exam & Fax final report
END

Workflow with ViewPoint 6

START
Exam
↓
Review images
↓
Apply quick report & add comments
↓
Preview report
↓
Add final impression
↓
Auto Print, fax, send to EMR, PACS
END

ViewPoint 6 can help you:
- Reduce dictation, transcription time and errors
- Eliminate handwritten and printed reports
- Streamline workflow and processes
- Enhance access to reports
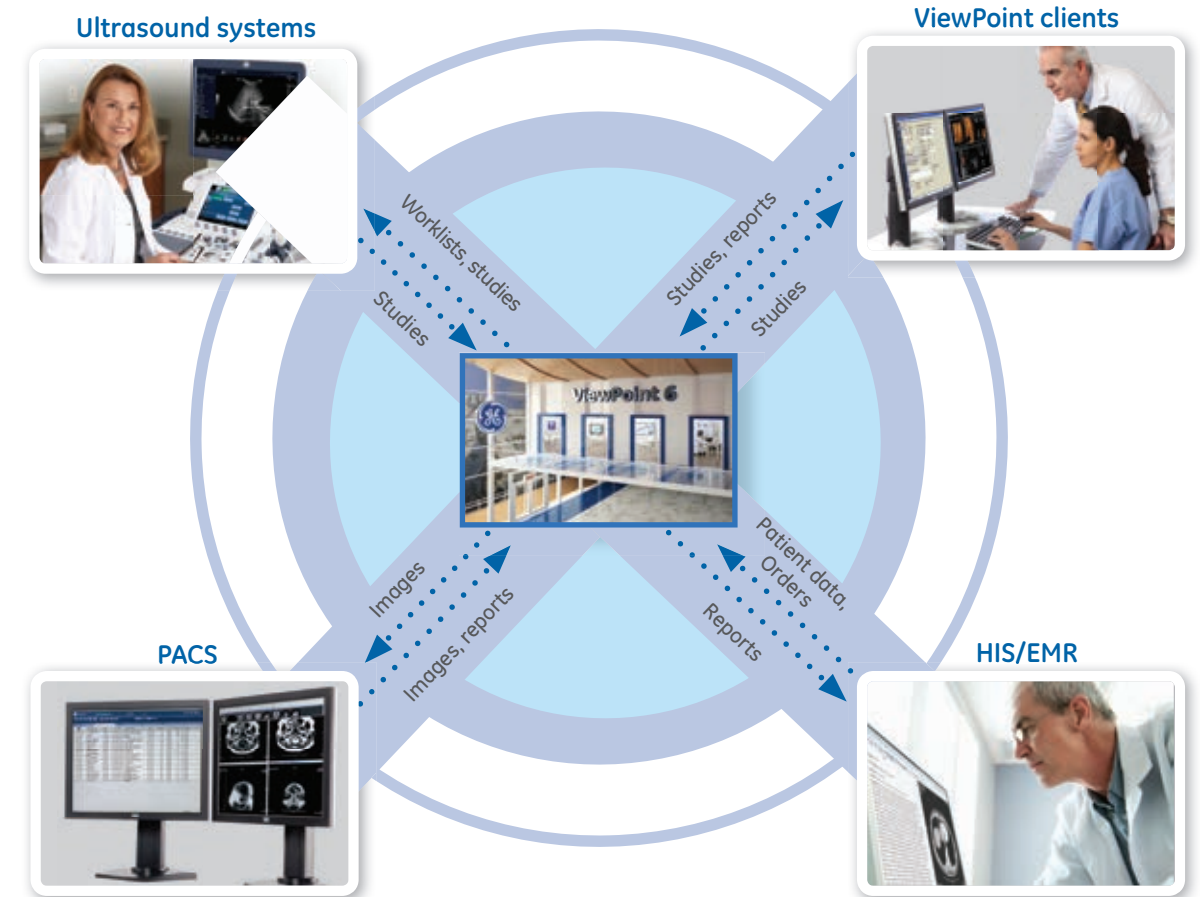- Decrease report turnaround time

COMPREHENSIVE connections

ViewPoint 6 has solutions for all sizes, from private offices up to enterprise level institutions. One of the benefits of ViewPoint 6's customizability is that we can build a solution designed to meet your unique integration needs. Whether you use ViewPoint 6 as your stand-alone image and patient record storage or you need to seamlessly integrate with hospital wide HIS, RIS, PACS, and EMR systems, ViewPoint can adapt to your needs. We have a long list of multi-vendor IT solutions and ultrasound systems that we have integrated with ViewPoint 6, and with a dedicated integration team, we can expand to connect with new systems as well.

ViewPoint 6 has a number of advanced integration features designed to make the transfer of information easier and reduce your manual workload. Order management allows you to transfer order information from the EMR to the ultrasound system, populating your ultrasound system with patient and order details. When connecting with a PACS system, you can load ViewPoint directly on your PACS workstation for easy review. With desktop integration, you can quickly access ViewPoint 6 from external applications, like a PACS system, to avoid extra search time and typing errors. ViewPoint can even send measurement data from the ultrasound to a dictation system, eliminating the need to dictate measurements and helping to reduce potential errors.

ViewPoint 6 is setup with concurrent user licenses, meaning you can load the software on as many computers as you like in your facility, including a laptop. Sign in and view studies and reports from any networked facility – even your home office.

Ultrasound systems — **ViewPoint clients** — **PACS** — **HIS/EMR**

Worklists, studies · Studies · Studies, reports · Studies · Images · Images, reports · Reports · Patient data, Orders

ViewPoint 6
- Work List Provider (DICOM®)
- Short or Long Term Storage for Images, Measurements and Reports

Ultrasound Scanners
- Work List (DICOM)
- Image Transfer (Single Frame, Multi-Frame, 3D/4D)
- Measurements (Structured Reporting)

HIS /EMR
- Import of Patient Data
- Hospital Visits and Movements
- Orders
- Export of Reports (PDF or HL7)
- Export of Diagnosis and Procedures (HL7)

PACS
- Long Term Storage for Images and Reports
- Review Station for Multi Modality Setups

Dictation systems
- Export of measurements data and/or comments (HL7)

Support from a TRUSTED partner

GE provides a comprehensive spectrum of support with experienced IT and ultrasound professionals. Our extensive team includes clinical application experts, interface and technical engineers, project managers, and support professionals to address your situation from every angle. From your first call with a project manager to your on-site training with our clinical applications staff, we're here to support you and make sure your needs are covered.

If your needs require sophisticated and individualized solutions, our professional service team is ready to help with tasks like new interface installations, software migrations, backup and recovery preparation, and more.

A software maintenance agreement (SMA) offers comprehensive service, helping you to maintain high productivity in an ever-changing work environment. SMA coverage enables to you:

• Get help with a technical problem from our helpdesk by calling or emailing to submit a case

• Utilize remote support – our support team member connects to your system remotely via internet to provide support independent of your location, resolving your issue quickly and efficiently

• Stay current with Windows updates

• Stay aligned to updated GE ultrasound system software

• Benefit from the latest performance and stability enhancements

Our help desk includes both technical and clinical experts, so we're able to address a wide variety of questions.

ViewPoint 6

"The service I received was quick, efficient, and thorough. He made every effort to be sure the problem was resolved before he ended the call."

*"The person who helped us on the phone was **very precise**, easy to follow and work with. He got [it] taken care of."*

Actual customer responses taken from ViewPoint customer satisfaction surveys; bolded language emphasis added.

Results from customer survey performed by Survey USA.

Solutions for

MATERNAL FETAL MEDICINE

With high risk pregnancies, obtaining, tracking, and documenting critical fetal ultrasound measurements are extremely important. For Maternal Fetal Medicine (MFM), ViewPoint 6 provides comprehensive information about the patient, exam, and images all in one view.

- Digital, paperless reporting with measurement transfer directly from the ultrasound system; extended measurement transfer from GE systems
- Report configuration module allows you to create custom reports for you and your referring physician
- Integrated risk assessment algorithms for trisomies from Fetal Medicine Foundation
- Over 400 graphs to chose from for trending measurements
- Analytics module lets you create and store user defined queries and export results for additional analysis

With the integrated 4D View plugin, you can post-process volumes offline, freeing up your ultrasound system for scanning instead of reviewing. Utilize techniques and review modes including:

- SonoAVC*follicle*
- SonoVCAD*heart*
- SonoNT
- STIC – Spatio-Temporal Image Correlation
- SRI – Speckle Reduction Imaging
- Sectional planes
- Render modes
- Volume Contrast Imaging

You can also open cine loops in 4D View for post-processing, and create new images to save to directly to the patient record.

High quality reports for referring physicians and access to data for post-processing all in one comprehensive, dedicated solution.
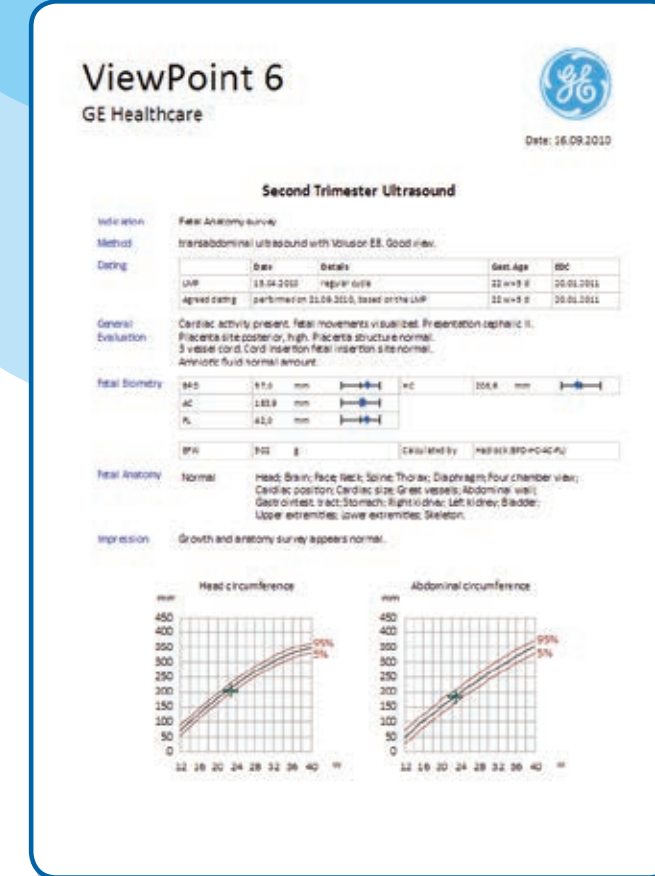
ViewPoint 6
GE Healthcare

Reports for OB/GYN
- Medical History
- Early Pregnancy
- 1st Trimester Ultrasound including FMF
- Risk Assessment
- 2nd/3rd Trimester Ultrasound
- Growth Scan
- Fetal Wellbeing incl. Biophysical Profile
- Pelvic Ultrasound
- Consultation Letter

Advanced Reporting for MFM
- Extended Fetal Biometry & Doppler
- Comprehensive Fetal Anatomy
- Maternal Assessment
- Fetal Echocardiography
- Invasive Procedures
- Genetic Counseling
- Pregnancy Outcome
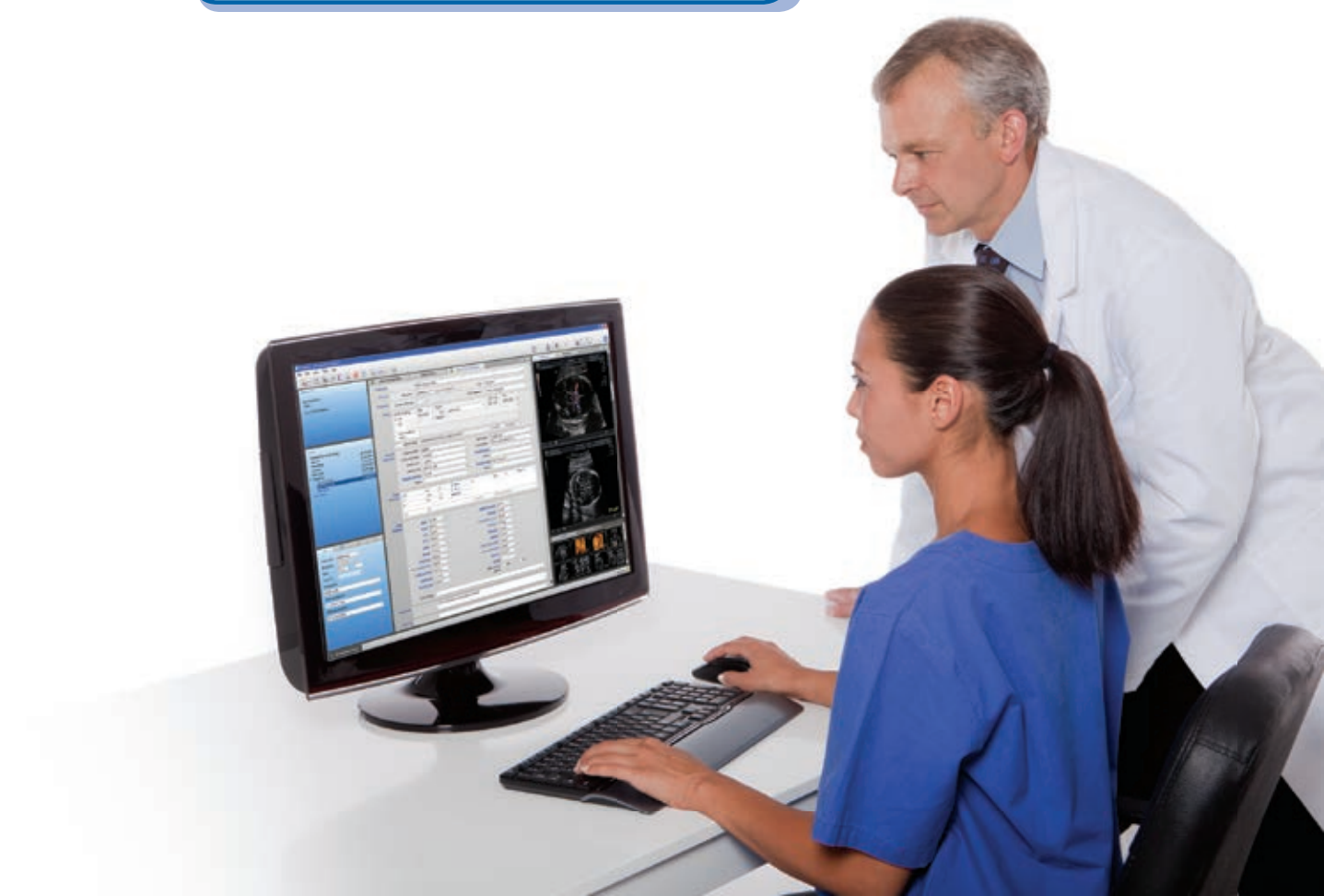
Solutions for

OBSTETRICS AND GYNECOLOGY

When you have a busy practice and you need to thoroughly document and archive all your obstetric and gynecology exams, ViewPoint 6 can help make your workflow easier, faster, and simpler. Adapt ViewPoint 6's easy-to-use exam documentation screen exactly to your individual needs and define templates for your most common findings to speed up your routine work. ViewPoint 6 offers comprehensive information about your patient's medical and exam history, images and details of the examination in one place.

With the integrated 4D View plugin, you can post-process volume data offline, freeing up your ultrasound to do more scans. Utilize Voluson's automated technologies and review modes including:

- Sectional planes
- Render modes
- Volume Contrast Imaging
- SonoAVC*follicle*
- SonoVCAD*heart*

You can also open cine loops in 4D View for post-processing, and create new images to save directly to the patient record.

Create clearly structured reports including your exam details, images, and charts into an easy-to-read report to fax to referring physicians or print for your records. Or go paperless with digital measurement transfer, image management, and record storage, helping your practice save time and cost.

Reports for OB/GYN

- Medical History
- Early Pregnancy
- 1st Trimester Ultrasound including FMF
- Risk Assessment
- 2nd/3rd Trimester Ultrasound
- Growth Scan
- Fetal Wellbeing incl. Biophysical Profile
- Pelvic Ultrasound
- Consultation Letter
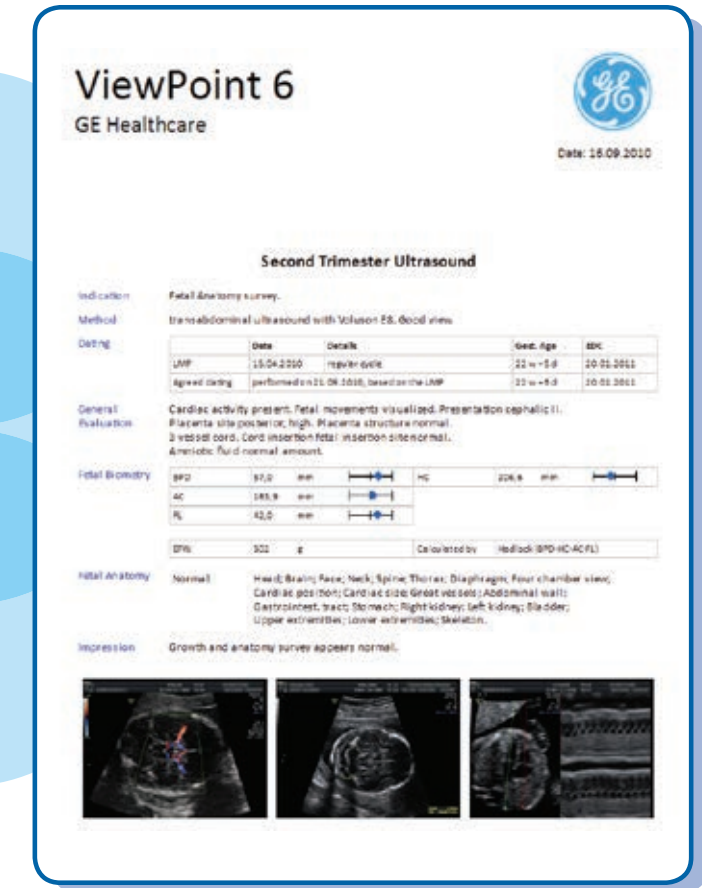
Solutions for

RADIOLOGY

Cross-department communication, comprehensive applications, and a seamless workflow are just a few of the needs of a Radiology department that ViewPoint 6 can help enhance.

When it comes to integration, ViewPoint 6 has you covered – connection with your existing HIS, RIS, PACS, or EMR systems lets you communicate across departments, sites and enterprise. From one facility to fifty, ViewPoint has the ability to connect your ultrasound departments cohesively.

With a variety of reporting options available, ViewPoint 6 fits comfortably in the radiology department, or anywhere else in the hospital.

A customized solution allows you to fit ViewPoint 6 into your existing workflow while providing enhancements along the way. Sonographers can eliminate the hand-written worksheet in place of a clean, easy-to-read digital report. They can also utilize ViewPoint 6 as a quality-control workstation, deleting unnecessary images before they are sent to PACS.

For the physician, ViewPoint 6 can send an image of the preliminary report to PACS for review, or use desktop integration to access the patient record in ViewPoint 6 from PACS. To lighten the load when it comes to dictation, ViewPoint 6 can send measurements or exam details into the dictation system to help eliminate errors.

Plus with the capabilities of the integrated 4D View plugin, volumes and cine clips are always available for post-processing and creating new images or views to save directly to the patient record.

Reports available
- Abdominal
- Small Parts
- Vascular
- Obstetric
- Gynecology
- Cardiology
- General Reporting

Solutions for

VASCULAR

A multitude of measurements and images are recorded and stored with every vascular exam. As a comprehensive data management system, ViewPoint 6 can provide the solution a vascular lab needs to streamline its workflow.

ViewPoint 6 is a great fit for vascular with special features designed just for the vascular user including:

- Transfer measurements automatically via DICOM SR, plus additional measurements from LOGIQ systems individually mapped
- Use our provided vascular drawings, or add your own diagrams; an interface to Microsoft® Paint allows you to add comments, markings, and notations on the diagrams to add to your report.
- Review cine clips in the image gallery alongside report details, including the ability to play frame by frame and take snapshots of any frame in the loop
- Create quick and easy reports for referring physicians

With ViewPoint 6's breadth in reporting, you can create digital reports for your vascular exams in the lab, reducing paper worksheets and handwritten evaluations.

Plus with the capabilities of the integrated 4D View plugin, volumes and cine clips are always available for post-processing and creating new images or views to save directly to the patient record.

Reports for Vascular

- Extracranial
- Visceral Arterial
- Aortic-Iliac-Duplex
- Abdominal Venous
- Extremity Arterial
- Extremity Venous
- Bypass Graft
- Peripheral Arterial
- Transcranial Arterial Doppler
- Pancreas Transplant

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About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter – great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

imagination at work