

# ViewPoint 6

Clarify your View



# Clear information helps you see the bigger picture

Using over 20 years of experience and feedback from customers across the globe, we've **simplified ultrasound reporting and image management** into one **flexible** and **intuitive** system.

ViewPoint® 6 is one of the most comprehensive data management solutions on the market, covering a **broad range of applications**.

ViewPoint 6 has been enhanced to be highly user friendly. Customisable to meet your needs, ViewPoint 6 makes reporting easy and helps improve your IT workflow.

GE Healthcare is committed to providing high-quality products and comprehensive solutions, giving you an excellent ViewPoint.





## Simple workflow at your fingertips

Manage patient information, report data and images in one flexible IT solution. Every department and practice area, including Women's Health, Radiology and Vascular, will have the ability to see its workflow improve.

Built using industry standards, ViewPoint 6 **connects seamlessly** to existing multi-vendor ultrasound devices and IT systems to help enhance your current investment.

Routine tasks like faxing a report or checking to ensure all required fields are completed can be automated using the exam states feature.

It is a truly **scalable solution**, with modules designed to improve workflow and **simplify your daily routine**.

Reporting

Image Management

Image Post-processing

Data Mining Interface

## Your information in **One** view

In one view you get comprehensive information about patient and exam data, the results of your examination and the images you need.

Create standardised, comprehensive reports that can be **customised to your preferences**. With presets for your most common exams, **reports can be auto-populated** to reduce clicks and data entries.

Following an exam, **measurement data is transferred directly** from the ultrasound machine and information is quickly organised into **detailed reports** that **include images and graphs**. The easy to use interface allows you to quickly switch between the report preview and your diagnostic details.

Reports can be shared and distributed by printing or sending as a PDF. With the flexibility of ViewPoint 6 comes comprehensive, customisable reporting.



### Produce custom reports

- Abdomen
- Small Parts
- Gynaecology
- Vascular
- Obstetrics
- General Reporting

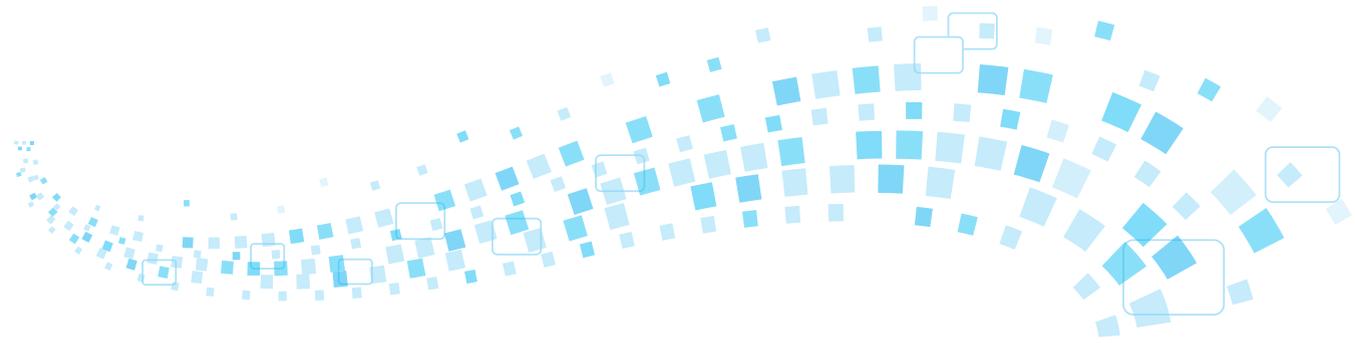
# Comprehensive connections

ViewPoint 6 has solutions of all sizes, from private offices up to enterprise level institutions. It easily integrates with many multi-vendor ultrasound machines, IT solutions, and hospital-wide HIS, RIS, PACS, and EMR systems to offer comprehensive connectivity. Or, let ViewPoint 6 be your standalone PACS and EMR system in one easy-to-use-solution.

With the desktop integration feature, you can quickly access ViewPoint 6 from external applications, avoiding extra search time and typing errors. Just load ViewPoint 6 and let the information provide you a more comprehensive picture – from your entire network, the hospital or your private office.



# Image management made simple



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

Help improve productivity by **viewing and processing images** on ViewPoint 6. Now you can view your high-quality images from a variety of vendors in one place and **help reduce the need to print images**.

In the image gallery, you can:

- Rearrange images
- Auto-play cine clips
- Use new image display area layout
- View 3D/4D volumes

Continue to leverage your PACS investment and use ViewPoint 6 to **help optimise workflow** within your ultrasound department. For private clinics and independent departments, ViewPoint 6 has the power to be a stand-alone image archive solution.

# Your workstation – Empowered with 4D View

Get a better view when post processing ultrasound datasets. Using the integrated 4D View\* application you can **manipulate and analyse volumes** of LOGIQ® and Voluson® data. Utilise 3D/4D raw data processing off-line at a workstation, freeing your ultrasound system to help improve workflow. Generate 3D datasets from ultrasound systems that send DICOM multiframe. 4D View is **fully integrated** with the ViewPoint 6 patient record, so your patient information is in one location.

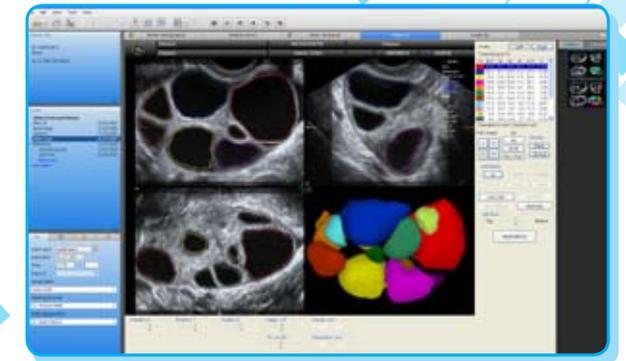
Your system's functionality\*\* is available in 4D View:

- Reconstruct any plane
- Create rendered images
- Add measurements and annotations
- Diagnostic support including:
  - STIC – Spatio-Temporal Image Correlation
  - SonoAVC™ – Sonography-based Automated Volume Count
  - SonoNT™ – Sonography-based Nuchal Translucency
  - SonoVCAD™ – Sonography-based Volume Computer Aided Display
  - SRI – Speckle Reduction Imaging

Help streamline your workflow. Help extend your clinical capability. Help improve your diagnostic confidence.

\* Manufacturer is GE Healthcare Austria GmbH & Co OHG.

\*\* Available functionality depending on licenses and type of data.



# 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.**

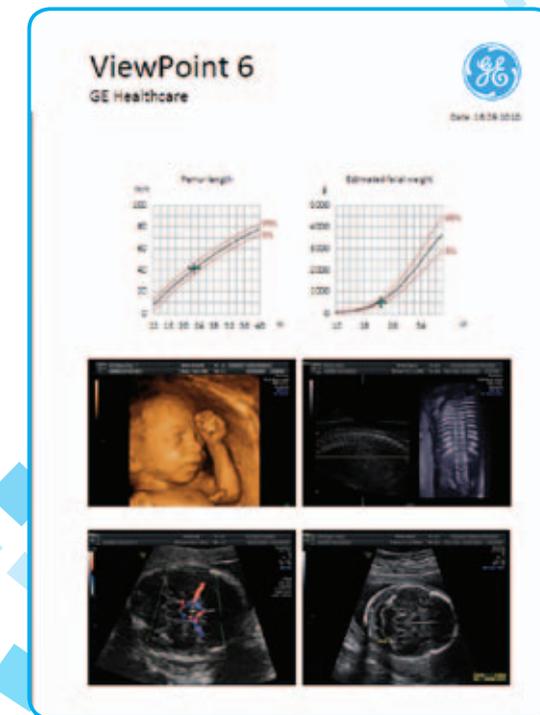
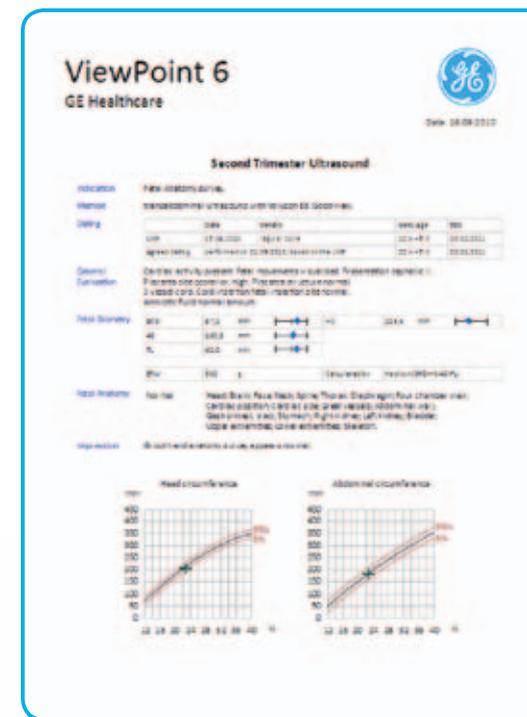
ViewPoint for MFM highlights:

- Measurement transfer from ultrasound systems
- Extended measurement transfer, including fetal echocardiography from GE ultrasound systems
- Customisable reports for you and your referring physician
- Integrated risk assessment algorithms from the Fetal Medicine Foundation, London
- Measurements from multiple examinations displayed in trending curves which can be selected out of a pool of more than 400 predefined graphs

With ViewPoint's integrated 4D View application, you can post-process your data offline, allowing you to thoroughly review your scans at any time. **View fetal anatomy and abnormalities** at additional angles and views, and utilise Voluson's **automated technologies** in 4D View.

**Tie everything together** into the patient record.

A comprehensive solution to fit your needs.



# Solutions for Obstetrics

When you have a busy practice and you need to thoroughly document and archive all your obstetric exams, ViewPoint 6 can help make your **workflow easier, faster, and simpler**.

Adapt ViewPoint'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.

The OB reporting module contains exams for 1st trimester and 2nd/3rd trimester reporting with fields including:

- Pregnancy Dating
- Multiple fetuses
- Fetal Biometry measurements and ratios
- Fetal and Maternal Doppler
- Fetal Anatomy details and comments

Utilise Voluson's **automated technologies** within ViewPoint and 4D View, including SonoVCAD<sub>heart</sub> and SonoNT which **help generate and provide standardised** fetal heart images and Nuchal Translucency measurements.

Create clearly structured reports, including your **exam details, images and charts** into an easy to read report to fax to referring physicians via fax printer or print for your records.

Or go **paperless** with **digital measurement transfer, image management, and record storage**, helping your practice save time and cost.

The screenshot displays the ViewPoint 6 GE Healthcare software interface for a Second Trimester Ultrasound report. The report includes the following sections:

- Indication:** Fetal Anatomy survey
- Method:** transabdominal ultrasound with Voluson E8. Good view.
- Dating:** LMP: 15-04-2010; Referred date: performed on 21-09-2010. Gestational week: 32 w + 0 d.
- General Evaluation:** Cardiac activity present. Fetal movements via ultrasound. Presentation cephalic. Placenta site posterior, high. Placenta structure normal. 3 vessel cord. Cord insertion fetal insertion site normal. Amniotic fluid normal amount.
- Fetal Biometry:** BPD: 81.3 mm; HC: 286.8 mm; AC: 188.9 mm; FL: 42.0 mm.
- Fetal Anatomy:** Normal. Head: Brain; Face; Neck; Spine; Thorax; Diaphragm; four chamber view; Cardiac position; Cardiac size; Great vessels; Abdominal wall; Gastrointestinal tract; Stomach; right kidney; left kidney; Bladder; Upper extremities; Lower extremities; Skeleton.
- Impression:** Growth and anatomy survey appears normal.

At the bottom of the report, there are three small ultrasound images showing fetal views.



# Solution for central fetal monitoring

## Trium CTG Online

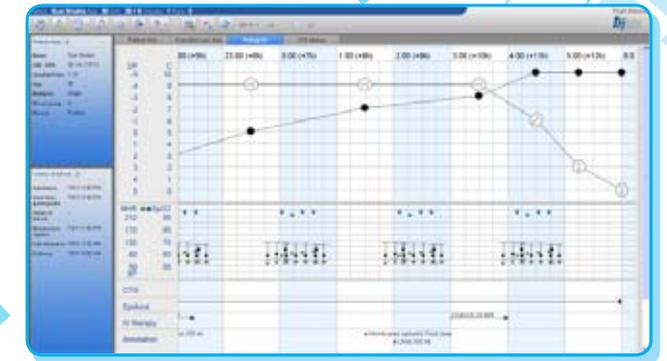
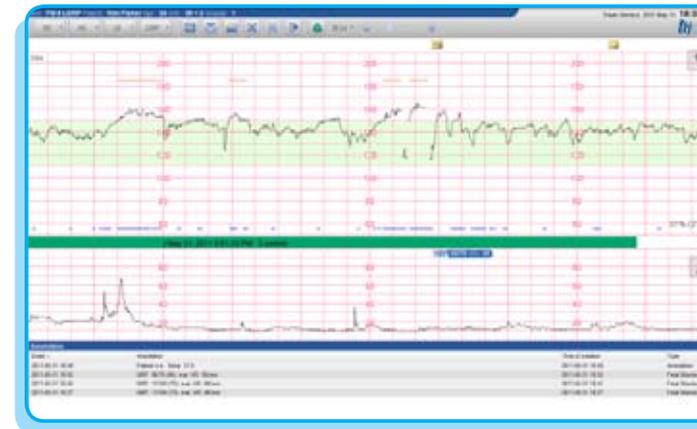
Trium CTG Online\* is a **central station** for fetal monitoring, enabling bedside and remote monitoring. A variety of fetal monitor brands can be connected using standard IT-infrastructure.

With Trium CTG Online you can:

- Access **real-time** fetal information from anywhere with your web-browser
- Start patient monitoring at the point of fetal monitor connectivity
- **Be alerted** to any abnormal fetal vital signs
- Observe, **analyse** and annotate CTG traces
- Document and review the progress of labour with **partogram** (graphical and tabular)
- Archive and retrieve raw data or store the CTG traces and the partogram as PDF/a files
- Transfer patient information automatically from ViewPoint or HIS (**HL7 standard interface**)

Trium CTG Online in combination with ViewPoint – a powerful **information system for obstetrics and gynaecology**.

*\*Manufacturer: Trium Analysis GmbH, Germany*



# Solutions for Gynaecology

Information to help assess interventional options and treatment planning is essential in gynaecology.

ViewPoint 6 offers **comprehensive information** about your patient's medical and exam history, images, and details of the examination all in one place.

Using 4D View post processing volumes, take your review off-line utilising techniques and review modes including\*:

- Sectional planes
- Render modes
- Volume Contrast Imaging
- SonoAVC™*follicle*

**Create new images and cine loops** from volumes and save them directly to the patient record.

With the gynaecology reporting module, transfer measurements directly from the ultrasound system and create **comprehensive and customised pelvic reports**.

A comprehensive solution to fit your needs.

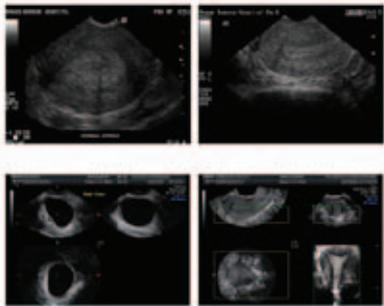
*\* Available functionality depending on licenses and type of data.*

**ViewPoint 6**  
GE Healthcare

Date: 16/09/2010

**Pelvic Ultrasound Examination**

<b>Indication</b>	Evaluation of acute pelvic pain.
<b>Method</b>	transabdominal ultrasound with 10Lcurv ES. Suboptimal view limited by overlying bowel gas.
<b>Uterus</b>	Position anteverted. Long JP/TV: 80.0 cm x 52.0 cm x 75.0 cm. Endometrium: clearly visualized. Endometrial thickness, total 4.0 mm. No fibroids identified.
<b>Right Ovary</b>	Outline smooth. Size 39.0 cm x 42.0 cm x 30.0 cm. Cyst(s): Simple cyst. Size 29.0 mm x 34.0 mm x 22.0 mm. Mean 26.3 mm.
<b>Left Ovary</b>	Morphology: normal. Size 22.0 cm x 24.0 cm x 22.0 cm.
<b>Impression</b>	Right ovary shows a simple cyst measuring 22 x 34 x 22 mm. Left ovary appears normal within physiological limits.
<b>Follow-up</b>	We recommend a sonographic control in 3 months.





# 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 satisfy.

**Integrate** our solution with your existing IT systems – whether HIS, RIS, PACS, or EMR, ViewPoint can **communicate across departments, sites, and enterprises.**

ViewPoint can be a great solution for any radiology department doing a **variety of ultrasound reporting** with reports for:

- Abdominal
- Small Parts
- Vascular
- Obstetrics
- Gynaecology
- General Radiology

You can **reduce hand written worksheets, dictation, and transcription** by sending measurements and images electronically via DICOM from the ultrasound system and populating an electronic worksheet using ViewPoint 6.

A comprehensive solution to fit your needs.

**ViewPoint 6**  
GE Healthcare  
Date: 16.09.2010

**Abdominal Ultrasound**

**Indication:** Right back pain, Recurrent abdominal pain.

**Method:** LOGIC E9, good view.

**Liver:** typical hemangioma in the upper right lobe of the liver, Diameter 25 mm x 30 mm x 44 mm, circular, sharply definable, homogeneous, Length 10.0 cm, Width 5.0 cm.

**Gallbladder:** solitary intraluminal stone, Length 5.0 cm, Thickness of gallbladder wall: 3.0 mm, Diameter of CBD at porta hepatis 9 mm, Diameter of CBD at pancreatic head 15 mm.

**Bile Ducts:** normal finding, sharply definable, Diameter of head 5.0 cm.

**Pancreas:** normal finding, sharply definable, Length 13.0 cm, Width 4.5 cm.

**Spleen:** Total lesion upper pole, Length 11.0 cm, Width 5.0 cm, Height 4.8 cm, Volume 238.23 cm<sup>3</sup>, Width of parenchyma 9 mm.

**Right Kidney:** normal finding, Length 12.8 cm, Width 5.4 cm, Height 5.0 cm, Volume 180.96 cm<sup>3</sup>, Width of parenchyma 10 mm.

**Left Kidney:** normal finding, Length 12.8 cm, Width 5.4 cm, Height 5.0 cm, Volume 180.96 cm<sup>3</sup>, Width of parenchyma 10 mm.

**Abdominal Aorta:**

Plane	cm
Anterop.	3.0
Anterol.	3.5
Anterolater.	3.0

**Impression:** No abdominal aortic aneurysm, Unusually large hemangioma, Gallbladder: solitary intraluminal stone, no sludge, Pancreas: normal, Right Kidney: tumor of unclear dignity, Left Kidney: normal, Abdominal Aorta: normal, Inferior Vena Cava: normal.

**Followup:** A repeat evaluation is recommended in one month.





# Solutions for Vascular

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

- DICOM SR supported digital measurement transfer
- Additional measurements transferred from LOGIQ systems
- Images and diagrams added to report
- Quick and easy reports for referring physicians

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

A comprehensive solution to fit your needs.

## ViewPoint 6

GE Healthcare

DATE: 06-09-2020

Dr. Henry Miller  
2224 Main Street  
Boston, MA 02134

Dear Dr. Miller,  
Thank you for referring your patient Demo 06 ViewPoint 6, 006 1/1/2020.

### Extracranial

Indication  
Syncope.

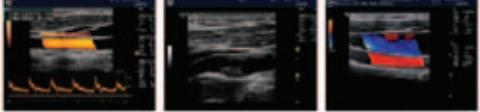
Method  
pulsed Doppler, color Doppler, good view.

Results

	Right		Left	
	PS	SD	PS	SD
CCA distal	05	25	40	35
ICA dist	74	33	73	31
CCA prox	24	33	112	41
ICA prox	34	33	85	33
CCA dist	03	03	03	03

	Right	Left
CCA distal	normal	normal
ICA dist	heterogeneous	homogeneous
CCA prox	irregular	homogeneous
ICA prox	antegrade flow	antegrade flow
Subt	normal flow	normal flow

Followup  
A repeat evaluation is recommended in one year.





## Support from a trusted partner

GE provides a comprehensive spectrum of support with experienced IT and ultrasound professionals, from **applications and project management to interfacing and installation**. We can address your situation from every angle, making sure your needs are covered.

We provide **comprehensive technical support** with every ViewPoint 6 Software Maintenance Agreement. Our local and regional service staff can **remotely access** your system and provide assistance as required.



*"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

## A focus on improving healthcare

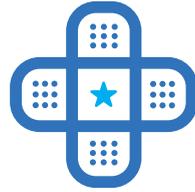
Healthymagination is our commitment to continuously develop innovations focus on reducing cost, increasing access, and improving quality of patient care. Validation of products and features helps ensure that clinicians will not only reduce costs through improved efficiencies, but will also increase quality of care through standardisation and ease of automation



Reduce Costs



Increase Access



Improve Quality

## About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

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imagination at work

CE 0124

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