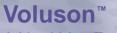# Voluson **Expert**
You Set the Limits

Voluson™
A Healthier Future for Women

Voluson **Expert** 22
You Set the Limits

Voluson™
A Healthier Future for Women

You Set the Limits

You set out to make a difference. You became a leader.
Medicine is who you are. Women's health—your life, your legacy.

Your eye is focused on 'right now', but you are envisioning 'what's next', finding answers to questions that have yet to be asked.
And the more you know, the more you want to know.

That's why we created the Voluson Expert 22 - to help you:

REVEAL THE INVISIBLE
DETECT THE UNDETECTABLE
ACHIEVE THE UNACHIEVABLE
EXPECT THE UNEXPECTED

It's a milestone in the making.
Not the end of a path, but the continuation of a journey.

Because like you, we don't just hope for a Healthier Future for Women.
We insist on creating it.

Voluson Expert 22 – You Set the Limits

It's more than you ever thought possible. And in your hands, there's endless potential.

Imaging - Reveal the Invisible

Experience next-level imaging capabilities to help see details

Early Detection - Detect the Undetectable

Uncover critical answers sooner for faster assessment, detection, and diagnosis
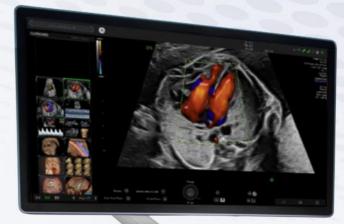
Workflow - Achieve the Unachievable

Remove obstacles and drive productivity

Support Excellence - Expect the Unexpected

More services. More support. More future-focused solutions. Finally, a partnership that won't leave you wanting more.
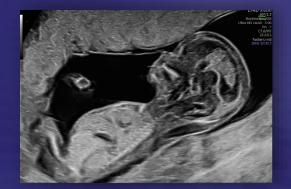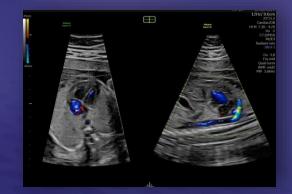
Voluson Expert 22

- Voluson's first **ultra premium** ultrasound system

- The **most powerful and adaptive platform** to date to help clinicians establish new standards

- **Lyric Architecture** generates new levels of clarity, penetration, and resolution to reveal fine anatomy in 2D/3D/4D with ease

- **Specialized imaging tools** help users detect and diagnose uncovering answers faster to complex and routine exams

- Modernized iconic **Voluson workflow**, with new personalization options, help ease your workday

- **Advanced efficiency** in daily exams with Artificial Intelligence and automation to reduce repetitive actions and inconsistent results
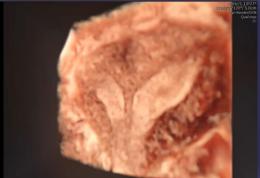
Reveal the Invisible
Imaging Excellence

Reveal the Invisible – Imaging Excellence

The Voluson Expert 22 is prepared to show you more than you ever thought possible. We are taking innovation further, making it easier to collect more information at record speeds for even faster, sharper, and clearer imaging. The Voluson Expert 22 will help you see critical details required for a confident diagnosis.

2D Imaging

Volume Imaging

Color Imaging

Lyric Architecture

Unlock new imaging and processing power to achieve high resolution, detailed images
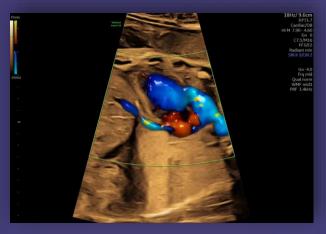
Uncover answers by elevating your 2D imaging with exceptional spatial and contrast resolution for distinct border and tissue differentiation with UltraHD, Augment, and Radiant imaging

Visualizing anatomy from another view can be the difference between delaying or making a confident diagnosis. Discover the next generation of 3D/4D imaging featuring our new HD*live*™ Studio+.

Make blood flow assessment faster and easier with advanced Voluson technologies. Increased resolution and sensitivity in color and pulsed wave Doppler for unprecedented clarity

Lyric Architecture

How do you find a needle in a haystack? Build a powerful engine with the most progressive and adaptive capabilities yet.

The Lyric Architecture unlocks new imaging and processing power to achieve high resolution, detailed images – independent of body habitus and other difficult scanning conditions.

- Graphic-based beamforming that generates new levels of penetration, resolution, and frame rates to reveal fine anatomy in 2D/3D/4D with ease

- Delivers uniformity throughout the image with increased spatial and contrast resolution

- Works in harmony with our unique probe technology offering advanced personalized imaging to address patient challenges

- Opens doors to unique Voluson imaging capabilities

Generations ahead of other ultrasounds, the Lyric Architecture allows you to set new standards for years to come
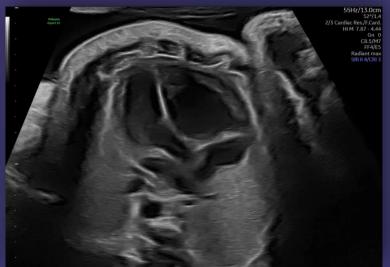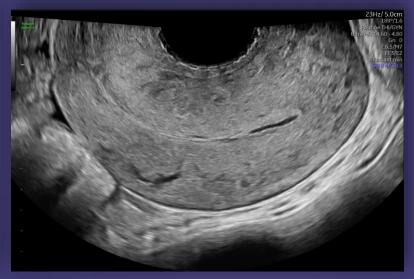
The Ultimate Foundation – 2D Imaging

To uncover answers, you depend on details. The Voluson Expert 22 elevates 2D imaging with exceptional spatial and contrast resolution to enhance border distinction and tissue differentiation
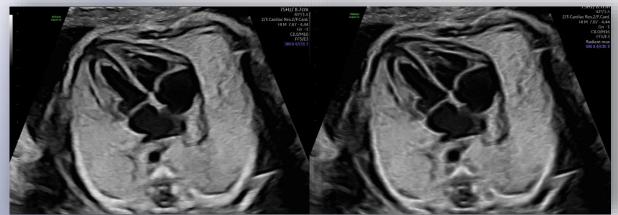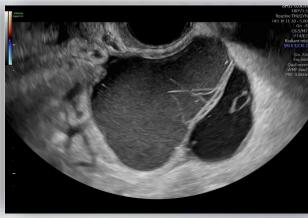
Radiant - Reach New Heights

Enhance border visibility by changing elevation levels for a 3D-like appearance, which aids in crucial border differentiation in anatomy such as brain and fetal heart

- Change the elevation visualization – Off – Min - Mid - Max
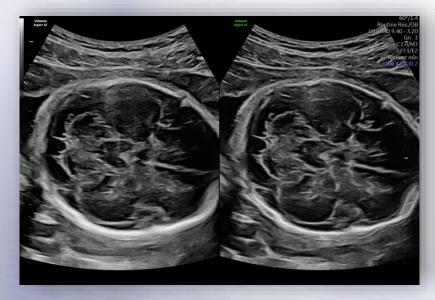

Off/Max Comparison

UltraHD – Visualize Super Fine Details

Obtain highly detailed images of the fetal brain, first trimester development, and other complex anatomy with increased axial and lateral resolution

On/Off Comparison

Augment – Simplify Challenging Exams

Utilize the Augment feature to reduce noise and increase penetration for a robust, cleaner image even in difficult to scan situations like high body mass index (BMI)

Off/On Comparison

BMI >50

Off/On Comparison

Shadow Reduction

Reduces shadowing in B-mode imaging, even in difficult to scan patients

Without Shadow Reduction

With Shadow Reduction

A New Perspective – Volume Imaging

Visualizing anatomy from another view can be the difference between delaying or making a confident diagnosis. The Voluson Expert 22 builds on our world class volume imaging to deliver the next generation of 3D/4D imaging.

HD*live* Studio+
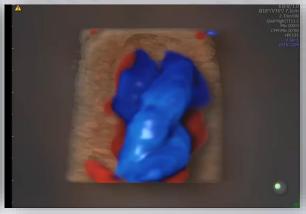
An essential problem-solving feature for a deeper understanding of relational anatomy and developing structures. The suite of features offer added opportunities for realistic views and assessment of anatomy for greater confidence.

HD*live*

Illuminate anatomy and surrounding fluid with up to 3 independent light sources with various intensity and hues.

HD*live* Silhouette

Volume imaging is taken to the next level with the ability to control what tissue type is displayed internally vs. externally.

Additional transparency tuning controls allow for more details, providing diagnostic assessment and confidence.

Perspective Rendering

"Camera Zoom Technology" type representation to enhance spatial and optical visualization for a realistic view and increased depth display.

HD*live* Flow

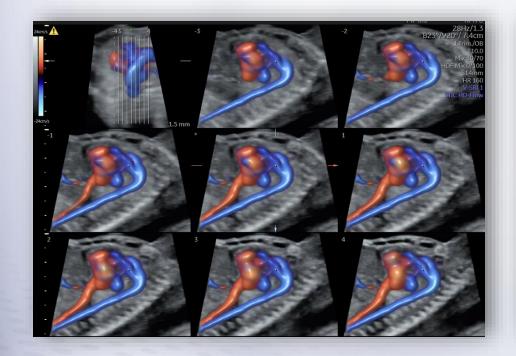Vascular structures are displayed with greater depth perception and dimension

HD*live* Flow Silhouette

Visualize vascular structures, along with surrounding tissues, with various levels of border enhancement and through transparency.

Advanced VCI

Adjusts slice thickness on 3D or 4D images to help enhance contrast resolution with use of render techniques such as bone and tissue renderings. Can be applied in the acquisition plane (VCI-A), static 3D volumes, color, or OmniView
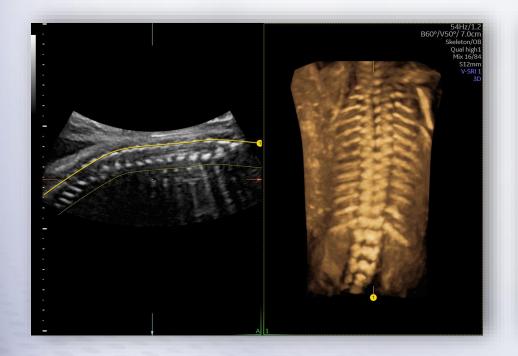
OmniView

Obtain any plane from a 3D or 4D volume by simply drawing a line, curve, poly-line, or trace through a structure. This valuable technology enables views of even irregularly shaped structures not attainable in 2D imaging
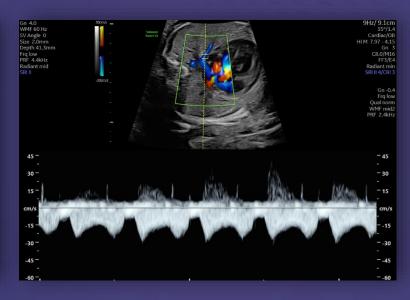
Beyond Basic Blood Flow – Doppler Imaging

Make blood flow assessment faster and easier with advanced Voluson technologies. Increased resolution and sensitivity in color and pulsed wave Doppler for unprecedented clarity
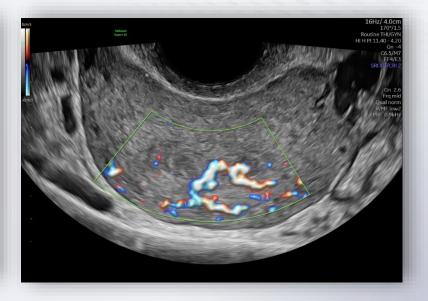
Radiant*flow*™

Achieve a new standard of color Doppler – Delivers easy, fast visualization of blood flow using the amplitude of the color Doppler signal to enhance robustness and create a 3D-like appearance
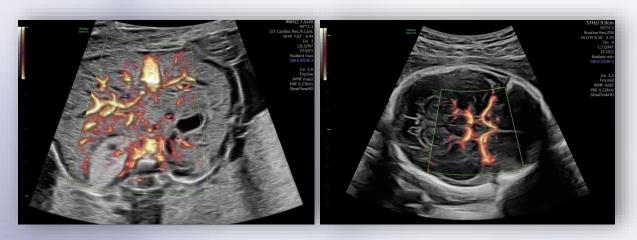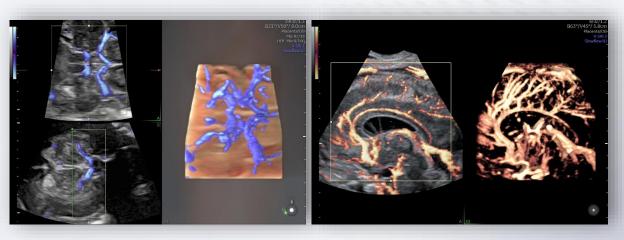
Slow*flow*

Observe low velocity vessels in 2D and 3D images with Slow*flow*HD and Slow*flow*3D – extending color capabilities for first trimester, placenta, and gynecological exams for enhanced diagnostic confidence
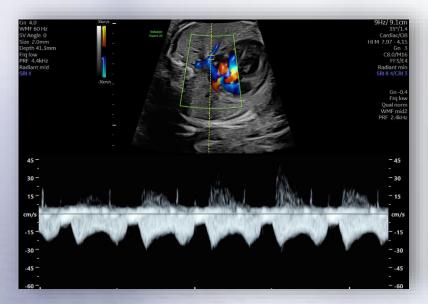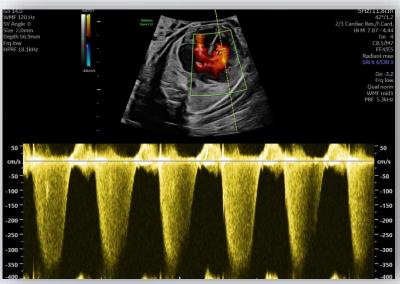
Slow*flow*HD

Slow*flow*3D
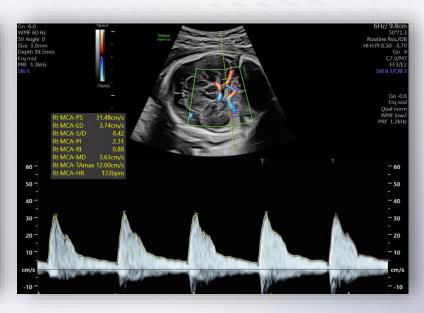
Pulsed Wave Doppler

New levels of unprecedented sensitivity and clarity for confident assessment

Unique Probe Technologies

With the Lyric Architecture, we have taken our probe technology to the next level. Extraordinary image quality helps meet your clinical and ergonomic needs to simplify exams and your day.
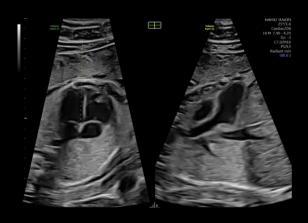
*e*M6C - More Information in Less Time

Cutting edge technology to assist with the most complex cases while having the flexibility and comfort to integrate into daily workflow
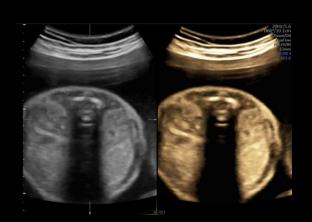
- First commercially available curved matrix electronic 4D technology designed for women's health
- Amazing image quality based on Lyric Architecture – even faster frame rates, processing power, and resolution
- Workflow enhancement features include Bi-Plane, SnapShot, *e*STIC, and VCI-A
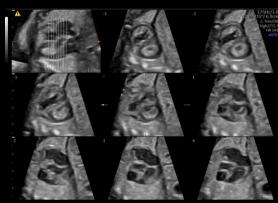
Bi-Plane Imaging

Real-Time 4D
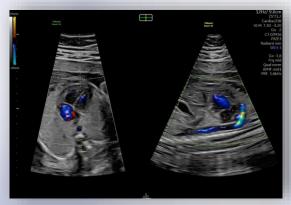
VCI-A (Volume Contrast Imaging)

*e*STIC

*e*M6C Imaging Technologies

Bi-Plane imaging – Provides simultaneous display of high resolution, high frame rate images in two perpendicular planes. Technology may be used in 2D and color Doppler
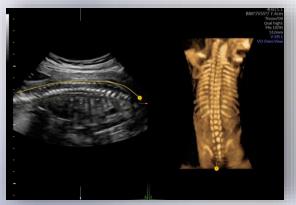
Clinical use: Spine, palate, heart, brain, limbs, and procedures including amniocentesis, percutaneous umbilical cord blood sampling (PUBS), chorionic villus sampling (CVS); Confirmation of perpendicular (i.e., NT, fetal heart) – View potential obstructions during interventional procedures

eSTIC (Spatio-Temporal Image Correlation) enhances fetal cardiac exams with up to 75% reduction in acquisition time over traditional STIC. Reduces artifact from fetal movement. Improves B & C plane. Acquisition time reduced from 12 secs to 1.3 secs*

Clinical use: Fetal heart - Evaluate anatomy, pathology, and physiology in 3 dimensions

* As compared to volume rates on e4D vs mechanical probes (RAB6) on Voluson E10 BT20

e4D Imaging Technologies

VCI (Volume Contrast Imaging) – Delivers excellent contrast resolution through thick slice volume of grey scale and color Doppler images.

Clinical use: Fetal brain sutures, extremities, spine, palate, soft tissue, heart in *any* plane - Added contrast resolution in soft tissue, brain, heart, etc.

Real-Time 4D - Presents exceptional visibility with an 86% increase in 4D volume rates for real-time display of motion*

Clinical use: Save time and be confident when evaluating anatomy, pathology, and/or physiology in 3 dimensions with high success rate even with moving fetus – excellent for fetal heart arrhythmias.

* As compared to volume rates on e4D vs mechanical probes (RAB6) on Voluson E10 BT20

*e*4D SnapShot

Optimize exam time with speed and ease.

- Seamlessly and quickly capture high quality 3D or *e*STIC volumes without interruption in workflow
- SnapShot optimizes exam time with one button access from Real-Time 4D to acquire high resolution images

RIC6-12 – Earlier than Ever Before

Confidently explore fetal images in the earliest stages with the RIC6-12 probe

- High frequency, high resolution probe
- Delivers extremely detailed images required for visualizing and detecting anomalies in the first trimester

7-week gestational sac

10-week fetal heart

10-week embryo

Early cord visualization

RM7C – Seeing is Believing
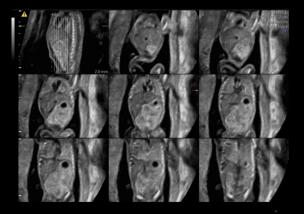
From the first trimester to the third, our RM7C volume matrix probe helps you set new standards in performance and image quality

- XDclear™ technology provides exceptional 2D, 3D, and 4D resolution and color sensitivity.

- High resolution matrix convex array probe

- Remarkable performance offering sharp imaging, even with difficult to scan patients

- Increased user comfort - reduced weight by 80g or 17% over its RM6C predecessor
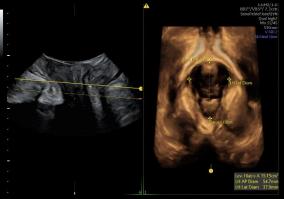
16-week fetal abdomen

18-week fetal spine

Fetal heart

SonoPelvicFloor
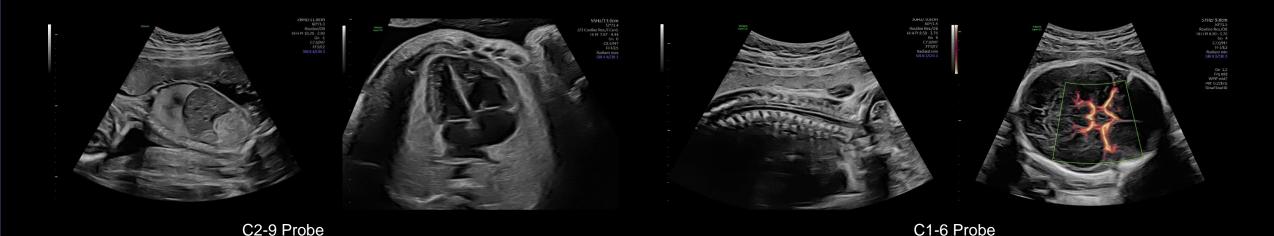
C2-9/C1-6 – Simply Stunning

Achieve exceptional tissue and detail resolution with our XDclear™ probes: C2-9 and C1-6. The combination of single crystal, acoustic amplification, and cool stack technology offers extraordinary 2D imaging, even with difficult to scan patients

- C1-6 - Penetration and robustness covering wide range of patients, even the more challenging scans
- C2-9 - High Frequency imaging for fine details and 1st trimester exams

C2-9 Probe

C1-6 Probe
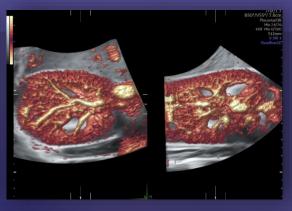
Shared Service Gallery

Breast cyst with RSP6-16 probe
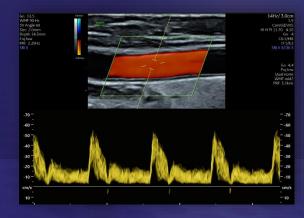
Adult kidney shown with RM7C probe and Slow*flow*3D
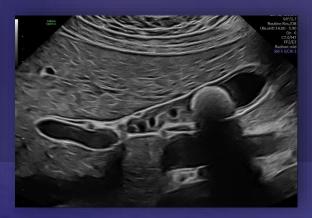
Pediatric kidney with C2-9 probe

High detail pediatric brain with Radiant acquired with 6S probe

Carotid artery with 9L probe

Radiant and UltraHD offering clear tissue differentiation in adult gallbladder

Liver with Power Doppler

Abdomen with HD*live* Studio+ and Slow*flow*3D

Detect the Undetectable
Early Detection

Detect the Undetectable – Early Detection

Complex cases come with enough uncertainty. That is why the Voluson Expert 22 delivers extraordinary image quality and unique tools to help you focus on early detection and intervention.

1st Trimester
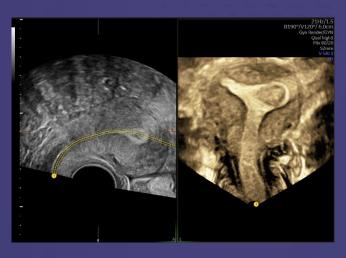
Examine developing structures earlier to uncover anomalies with high resolution probe & imaging technologies.

Fetal Heart

Increase detection, diagnose confidently, and effectively monitor the fetal heart.

Pelvic Health

Simplify reproductive health with advanced analysis tools and easy 3D technologies.

First Trimester
Small Anatomy. Fine Details. Timely Diagnosis.

Improving detection rates of chromosomal and structural anomalies in the earliest stages of development is critical for better decision making. With small anatomy, exposing anomalies requires clear, high-resolution imaging and simplified assessment tools

UltraHD

Obtain highly detailed images of early pregnancy development with increased axial and lateral resolution for fine details

Radiant

Utilize Radiant for greater definition and clarity. Change the levels to enhance the 3D-like elevation effect for greater border visibility and sharpness.

Color Imaging
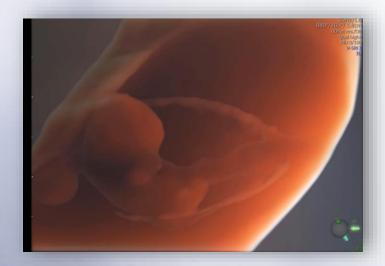
Increase resolution and sensitivity in color for unprecedented clarity with Radiant*flow*, Slow*flow*HD, and Slow*flow*3D

First Trimester
Small Anatomy. Fine Details. Timely Diagnosis.

Improving detection rates of chromosomal and structural anomalies in the earliest stages of development is critical for better decision making. With small anatomy, exposing anomalies requires clear, high-resolution imaging, and simplified assessment tools

HDlive Studio+

Essential problem-solving tools for a deeper understanding of relational anatomy and developing structures. Easily obtain volume images with unprecedented depth and clarity.

SonoNT/SonoIT

(Sonography-based Nuchal /Intracranial Translucency) – semi-automatic, standardized measurements of nuchal and intracranial translucencies

RIC6-12 Probe

Delivers extremely detailed images required for visualizing and detecting anomalies in the first trimester
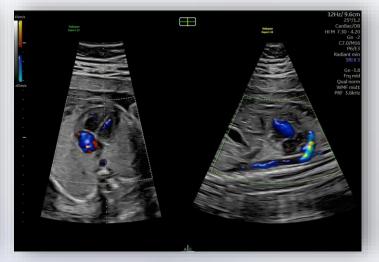
Fetal Heart Evaluation
Get to the heart of the matter
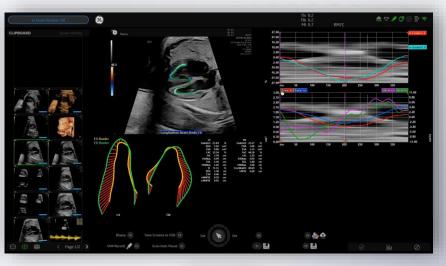
Identifying fetal cardiac abnormalities earlier means you can intervene sooner, plan for delivery, and potentially improve outcomes. The Voluson Expert 22 provides a full suite of progressive tools to help distinguish the tiniest structures with stunning clarity to detect patient answers faster.

Detection

Diagnosis

Monitor

Fetal Heart Detection

Utilize easy automation to help obtain and visualize the recommended fetal heart view for a complete exam.

SonoFHR

Automation tool that automatically places calipers in M-mode or pulsed wave Doppler to quickly obtain the fetal heart rate

*fetal*HS

AI-guided workflow to support views of the 4-chamber, 3 vessel view, and heart angle measurement (cardiac axis) to help detect fetal heart anomalies

*fetal*HS

An AI-guided workflow with step-by-step instructions to help identify normal anatomy with a focus on Fetal Situs, 4-Chamber Heart, 3-Vessels and Trachea View, and Cardiac Axis. Includes instructional messages, reference images, and diagrams that represent normal anatomy. 4CH, 3VV/3VT, and Cardiac Axis automatically generated from user acquired cine loops.

Fetal presentation - helps confirm proper situs of stomach and heart

Fetal spine - helps to determine fetal position and situs

Fetal stomach - helps confirm stomach location is on fetal left

Stomach to 4-chamber sweep - From this sweep, *fetal*HS automatically locates and documents the 4-chamber view to confirm heart situs and measures a cardiac axis.

4-chamber to neck sweep - -from this sweep, *fetal*HS automatically finds and documents the 3 vessels and trachea view to confirm the size, alignment, and arrangement of the Pulmonary Artery, Aorta, SVC and Trachea to rule out anomalies

Fetal Heart Diagnosis
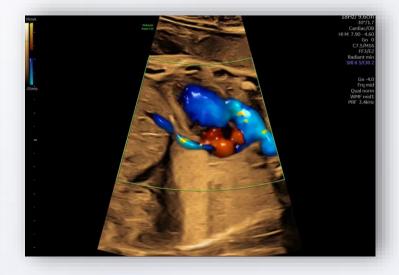
Find answers to your challenging exams with cutting edge tools that help provide more clarity, more speed, and more flexibility

Radiant

Utilize Radiant for greater definition and clarity. Change the levels to enhance the 3D-like elevation effect for greater border visibility and sharpness.

Radiant*flow*

Delivers easy, fast visualization of blood flow using the amplitude of the color Doppler signal to enhance robustness and create a 3D-like appearance

Slow*flow*

Increase resolution and sensitivity in color for unprecedented clarity with Radiant*flow*, Slow*flow*HD, and Slow*flow*3D

Fetal Heart Diagnosis
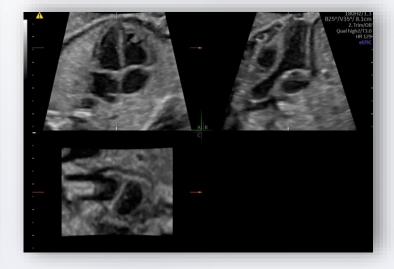
Find answers to your challenging exams with cutting edge tools that help provide more clarity, more speed, and more flexibility
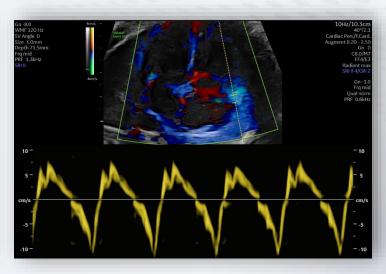
eM6C Bi-Plane Imaging

Provides simultaneous display of high resolution, high frame rate images in two perpendicular planes. Technology available in 2D and color Doppler modes

eM6C eSTIC

Enhances fetal cardiac exams with up to 75% reduction in acquisition time over traditional STIC and delivers improved resolution in the B and C planes*

Specialized Tools

Continuous Wave on curved probes, phased array probe for fetal and maternal cardiac imaging, and many more specialized tools

* As compared to volume rates on e4D vs mechanical probes (RAB6) on Voluson E10 BT20

Fetal Heart Monitoring

Not only anomalies can impact the fetal heart. Monitoring the Size, Shape, and Contractility of the fetal heart can provide additional data to help you make more informed decisions about maternal/fetal well-being and delivery planning.

Qualitative
- B-Mode
- Color Doppler
- Tissue Doppler

Quantitative
- Spectral Tissue Doppler
- TEI Index
- PW and CW Doppler – Valves
- Ejection Fraction

Tissue Doppler

Conduct a more comprehensive assessment of fetal cardiac function with Tissue Doppler for wall and valve motion analysis - use with pulsed wave for quantitative movement analysis

Fetal Echo Measurement Package

Dedicated measurements to include Z-scores, Cardiovascular Profile Scores, and more

***fetal*HQ**

Conduct an easy and comprehensive evaluation of the size, shape and contractility of the fetal heart from the 4-chamber view using measurements based on 2D imaging and speckle tracking

*fetal*HQ

Conduct an easy and comprehensive evaluation of the size, shape, and contractility of the fetal heart from the 4-chamber view using measurements based on 2D imaging and speckle tracking. *fetal*HQ contains an in-depth report including Z-scores and percentiles for each of the cardiac measurements. AutoFlip and Quiver features help simplify the fetal heart orientation and identification of the endocardial border and valve insertions

Report package supports both qualitative and quantitative results to offer insights based on your preference

Qualitative
• Visual representation of ventricular contractility

Quantitative
GSI for assessment of fetal heart size and shape
• Ventricular shape and contractility (assessed with speckle tracking)
• Comprehensive measurements extracted such as ejection fraction, cardiac output, TAPSE/MAPSE, etc.
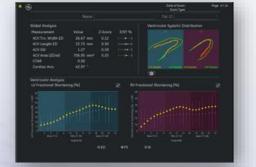
Global Sphericity Index (GSI) helps assess size and shape of the fetal heart
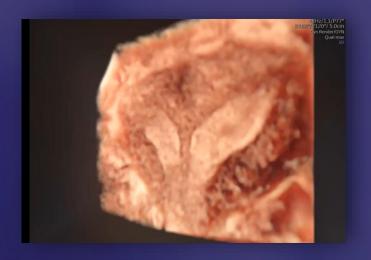
Fetal heart contractility outlined in an in-depth report

Pelvic Health
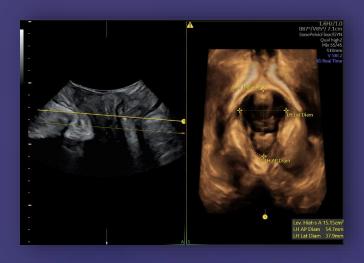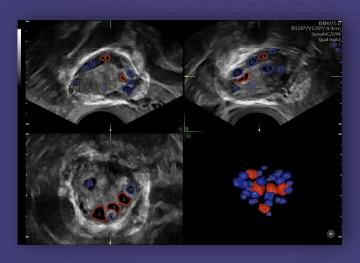
Symptoms such as pelvic pain, post-menopausal bleeding, genitourinary dysfunction, and infertility can be confusing and concerning for your patients. Exceptional imaging and advanced analysis tools can help provide clinical insights into gynecological health.

Gynecology

Pelvic Floor

Reproductive Medicine

Uterine Trace

Taking the effort out of 3D with Uterine Trace – In 3 simple steps, obtain the coronal plane of the uterus. Links directly to Uterine Classification pictograms for easy documentation of uterine shape.

Select Uterine Trace Preset
in 3D pre-mode
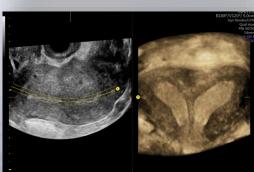
Trace endometrium on touch panel.
See guide area on main screen
3D sweep started automatically

Adjust OmniView line if needed

Classify uterine cavity according to
ESHRE or ASRM
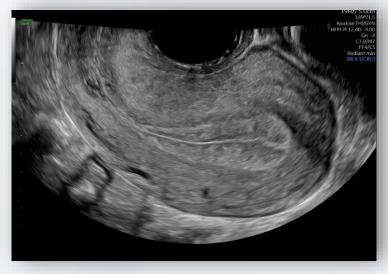
Pelvic Health

Exceptional imaging and advanced analysis tools can help provide clinical insights into gynecological health

UltraHD

Obtain highly detailed images with increased axial and lateral resolution for fine details

Radiant

Utilize Radiant for greater definition and clarity. Change the levels to enhance the 3D-like elevation effect for greater border visibility and sharpness.

Color Imaging

Increase resolution and sensitivity in color for unprecedented clarity with Radiant*flow*, Slow*flow*HD, and Slow*flow*3D

Pelvic Health
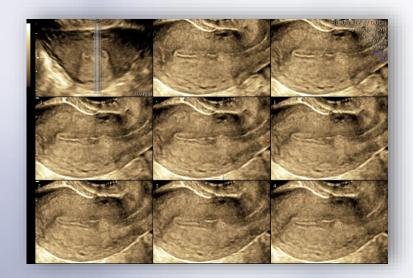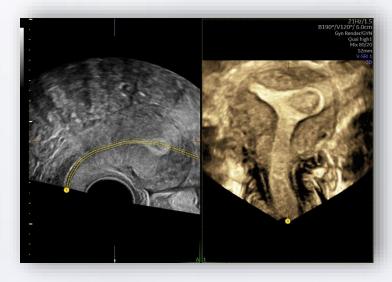
Exceptional imaging and advanced analysis tools can help provide clinical insights into gynecological health

Tomographic Ultrasound Imaging (TUI)

Simplifies analysis and documentation of dynamic studies with a simultaneous view of multiple slices of a volume data set

Advanced VCI with OmniView

Obtain any plane from a 3D or 4D volume by simply drawing a line, curve, poly-line, or trace through a structure. This valuable technology enables views of even irregularly shaped structures not attainable in 2D imaging
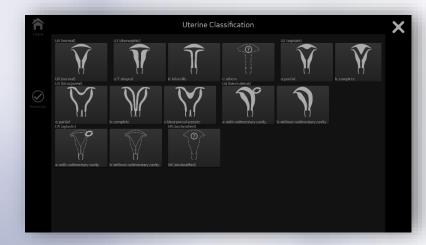
HD*live* Studio+

Illuminate anatomy and surrounding fluid with up to 3 independent light sources with various intensity and hues – Perspective Rendering and additional silhouette controls to aid with making a confident diagnosis

Pelvic Health

Exceptional imaging and advanced analysis tools can help provide clinical insights into gynecological health

Uterine Classifications

Simplify identification and reporting of uterine abnormalities with **Uterine Classifications** based on ESHRE, ESGE, or ASRM guidelines

IETA/IDEA

Evaluate risk and assign scoring of the endometrial lining based on **IETA (International Endometrial Tumor Analysis)**

IDEA assessment tool helps guide through the protocol for quick and comprehensive evaluation of endometriosis and deep infiltrating endometriosis (DIE). Can be used with and without Scan Assistant

IOTA

Ovarian cancer risk estimate based on **IOTA (International Ovarian Tumor Analysis)**
    Simple Rules
    IOTA LR2
    IOTA ADNEX

First ultrasound supplier to offer all 3 IOTA models validated and approved by the IOTA group
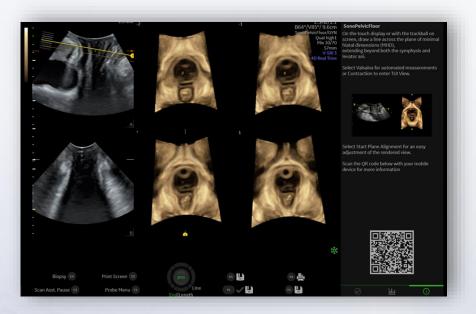
Pelvic Health

Exceptional imaging and advanced analysis tools can help provide clinical insights into gynecological health

SonoPelvicFloor
- AI-based feature to help obtain pelvic floor measurements for more consistent and reproducible results
- Automates plane alignment of valsalva
- Automated measurement of levator hiatus (a-p, lateral and area/circumference)
- Comprehensive pelvic floor measurement package
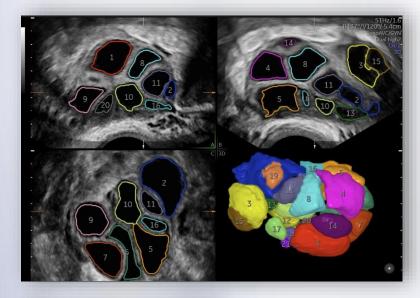
Pelvic Health
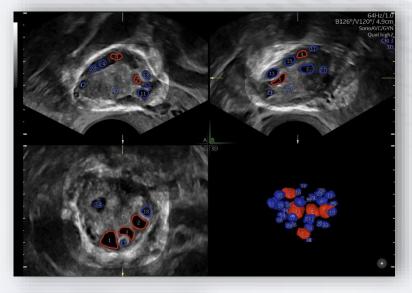
Exceptional imaging and advanced analysis tools can help provide clinical insights into gynecological health

SonoAVC™ *follicle*

(Sonography-based Automated Volume Count follicle) – Automatically calculates the number, dimensions, and volume of hypoechoic structures in a volume sweep to help monitor patient follicles faster

SonoAVC *antral*[2.0]

More accurately evaluate ovarian reserve and increase success for Assisted Reproductive Medicine treatments

Achieve the Unachievable
Workflow Efficiency

Achieve the Unachievable - Workflow Efficiency

Modern, yet familiar, the Voluson Expert 22 is our most intuitive and customizable ultra-premium ultrasound. Designed with a new generation of Artificial Intelligence and automation tools, it helps increase exam speed and accuracy to streamline your day. Just think of the potential.

Design

Sleek and modern with advanced ergonomics and familiar user interface

Artificial Intelligence & Automation

Designed with a new generation of Artificial Intelligence to help increase exam speed and accuracy to streamline your day.

Personalization & Customization

Personalize the user interface for your unique preferences and select system colors to suit your mood

A Modern Classic Design

Incorporating the same intuitive functionality, Voluson's **familiar workflow** is simple and seamless

Work comfortably and see finer details with ease – 23.8" **High-definition ultrasound (HDU)** display offer 3 imaging sizes

Probe ports conveniently located for less reach and easier access

Gel warmer keeping gel at a comfortable temperature
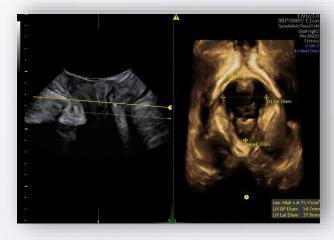
Achieve the Unachievable

Artificial Intelligence (AI) has become part of our everyday lives – reducing tasks and simplifying our daily routines. It is also beginning to play an important role in women's health – helping to improve the delivery of care and efficiency of ultrasound exams.

SonoLyst

SonoPelvicFloor

*fetal*HS

The Voluson™ Expert 22 contains AI tools to help you be more efficient, allowing you to reduce repetitive tasks and focus on your patients and practice needs.

Optimized Workflow

Respond probe activation that automatically selects used probe and goes to live – **New & unique in the industry!**

Flow Profiles - predefined and optimized preset tool for color and pulsed wave Doppler modes for more efficient imaging

RFID – effortlessly incorporating security into daily workflow to log on

Personalization & Customization

Customize the **user interface** >23M options
- Large touch panel (individual button arrangements)
- Tailored hard keys

Personalize **colors & lights** >4000 combinations
- Trackball colors
- User interface illumination
- Ambient trolley lighting
- Touch panel color scheme

SonoLyst

SonoLyst is your virtual, on-board expert utilizing the power of AI to identify fetal anatomy seen on standard views and enhancing efficiency by adding annotations and measurements. For quality assurance, SonoLyst can also be used to compare the image or view acquired to standard criteria, ensuring exam quality and consistency.

SonoLystIR: Simply scan, then freeze and SonoLystIR (Image Recognition) does the rest. Using ISUOG practice guidelines for performance of the routine mid-trimester fetal ultrasound scan, SonoLystIR automatically detects the 21 recommended views. It identifies anatomy then selects all applicable annotations and measurements. Confirm, and data is entered into the Scan Assistant checklist and report, enhancing workflow and reducing variability between operators for improved consistency.

SonoLystX: Build and refine your skills with SonoLystX, your virtual, on-board ultrasound expert. Using AI, the system compares the image or view acquired to standard criteria accepted by experts to ensure it meets clinical standards. SonoLystX can help enhance accuracy and quality with anatomy diagrams plus the ability to insert image examples. Ideal for teaching and training, progress can be monitored for quality assurance to ensure the highest quality imaging standards and consistency.
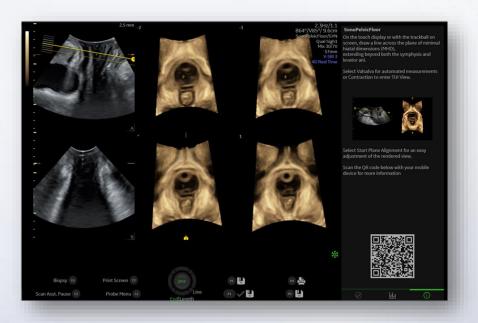
SonoPelvicFloor

- AI based feature to help obtain pelvic floor measurements for more consistent and reproducible results
- Automates plane alignment in Valsalva
- Automated measurement of levator hiatus (a-p, lateral and area/circumference)
- Comprehensive pelvic floor measurement package

*fetal*HS

An AI-based guided workflow with step-by-step instructions to help identify normal anatomy with a focus on Fetal Situs, 4-Chamber Heart, 3-Vessels and Trachea View, and Cardiac Axis. Includes instructional messages, reference images, and diagrams that represent normal anatomy. 4CH, 3VV/3VT and Cardiac Axis automatically generated from user acquired cine loops.

SonoCNS
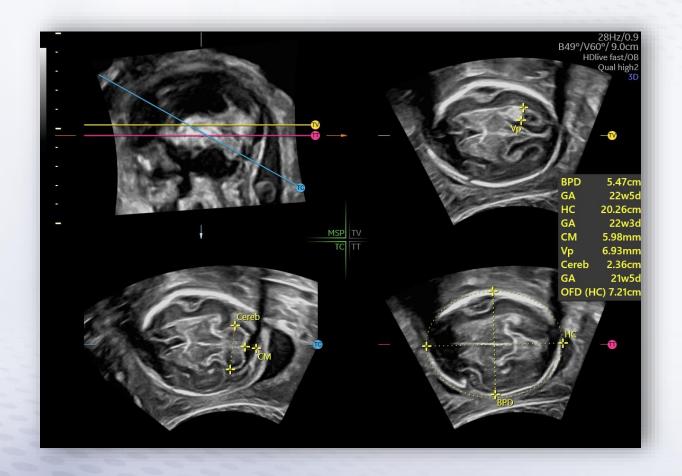
AI tool that supports consistent measurements and helps drive workflow efficiency by helping align and display recommended views and measurements of the fetal brain from a 3D volume

Achieve the Unachievable

Remove obstacles and drive productivity to transform your day with the Voluson Expert 22 Sono-Automation tools - so you can keep pushing what is possible.

SonoBiometry

Helps reduce keystrokes and improves exam time with automatic caliper placement and fetal measurements of bi-parietal diameter (BPD), head circumference (HC), abdominal circumference (AC), femur length (FL), humerus length (HL), lateral ventricle, cerebellum, and cisterna magna.

SonoNT/SonoIT

(Sonography-based Nuchal /Intracranial Translucency) Semi-automatic, standardized measurements of nuchal and intracranial translucencies

Achieve the Unachievable

Remove obstacles and drive productivity to transform your day with the Voluson Expert 22 Sono-Automation tools - so you can keep pushing what is possible.

SonoFHR

Automation tool that automatically places calipers in M-mode or pulsed wave Doppler to quickly obtain the fetal heart rate

SonoRender *live*

Simplifies volume rendering by automating render line placement in 3D and 4D imaging

Flow Profiles

Predefined and optimized preset tool for color and pulsed wave Doppler modes for more efficient imaging
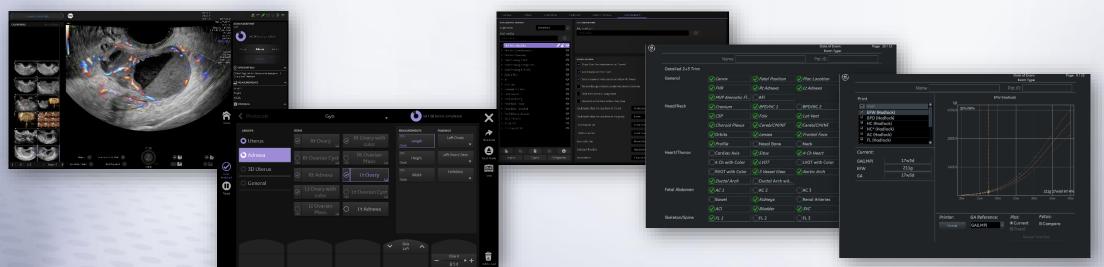
Scan Assistant

Balance imaging schedules while increasing patient satisfaction with complete exams and less callbacks

These flexible, customizable exam protocols help reduce time required to conduct and document results by guiding you through an exam more efficiently, aiding in annotation, measuring, reporting, and transferring data to an image management system or PACS based system on your order sequence and output requirements

- Status monitor onscreen
- Anatomy page completion during exam
- Comparison Image option

- Improved configuration page
- Image shuffling
- Link probes & presets to items

- Improved efficiency with Scan Assistant offline configurator

Patient scan time reduced by as much as 45% with Scan Assistant 2.0 and ViewPoint, saving an average of 7 min x exam*

Expect the Unexpected
Support Excellence

Expect the Unexpected

Leverage our entire ecosystem of support for peace of mind – now and in the future. Combined with a flexible service program,. Experience more. More services. More support. More future-focused solutions. Finally, a partnership that won't leave you wanting more.

Education & Training

Take advantage of **clinical and technical education, along with training support**, to help you provide the highest quality of care and achieve operational excellence.

Collaboration

Digital Expert Connect offers real-time collaboration opportunities where clinicians can easily consult with collaborators within their network anytime, anywhere

Maintenance, Repair & Remote Support Services

Manage your total cost of ownership while improving system uptime with maintenance contracts and features like **OnWatch proactive monitoring with InSite™ connectivity**.

Expect the Unexpected

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Updates, Upgrades, and Device Protection

Download critical Windows® patches, security updates and Voluson extension release software at your convenience with **eDelivery*** . Protect your ultrasound system from cyber-attacks with Voluson's comprehensive **SonoDefense** solution.

Probe Repair and Hygiene Solutions

A continuum of support for your probes, including disinfection and hygiene solutions. Stay a step ahead with **Probe Check**, which assesses the health of your probes and can alert you to potential issues.

Performance Optimization Solutions

Maximize the performance, workflow and utilization of your Voluson ultrasound system using Imaging Insights, **iCenter Performance Management** tools and other digital solutions.

* Not available in all countries

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Centralized Device Management

AVURI is a cloud-based solution that lets you manage devices remotely from one central location. Monitor devices across your fleet with the ability to view, back up, and deploy device configurations, all without leaving your desk.*

Voluson Club

Like family, we are here for you. The only ultrasound community dedicated to the education and collaboration of women's health practitioners to help expand your expertise and your practice.

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ViewPoint™ 6

ViewPoint 6 is a dedicated ultrasound reporting and image management solution with enhanced features to help improve workflow.

Tricefy ™

Tricefy inside – Unique cloud- based solution to share, collaborate and archive ultrasound images and reports securely with colleagues and patients directly from your Voluson.

4D View

Optimize, manipulate and analyze volume ultrasound data offline – when and where you need it. 4DView extends the capabilities of your Voluson and gives you the flexibility to free up your ultrasound machine for additional patients.

Expect the Unexpected

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Education & Training

Maintenance, Repair & Remote Support Services

Probe Repair & Hygiene Solutions

Tricefy™

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Updates, Upgrades, & Device Protection

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ViewPoint™ 6