

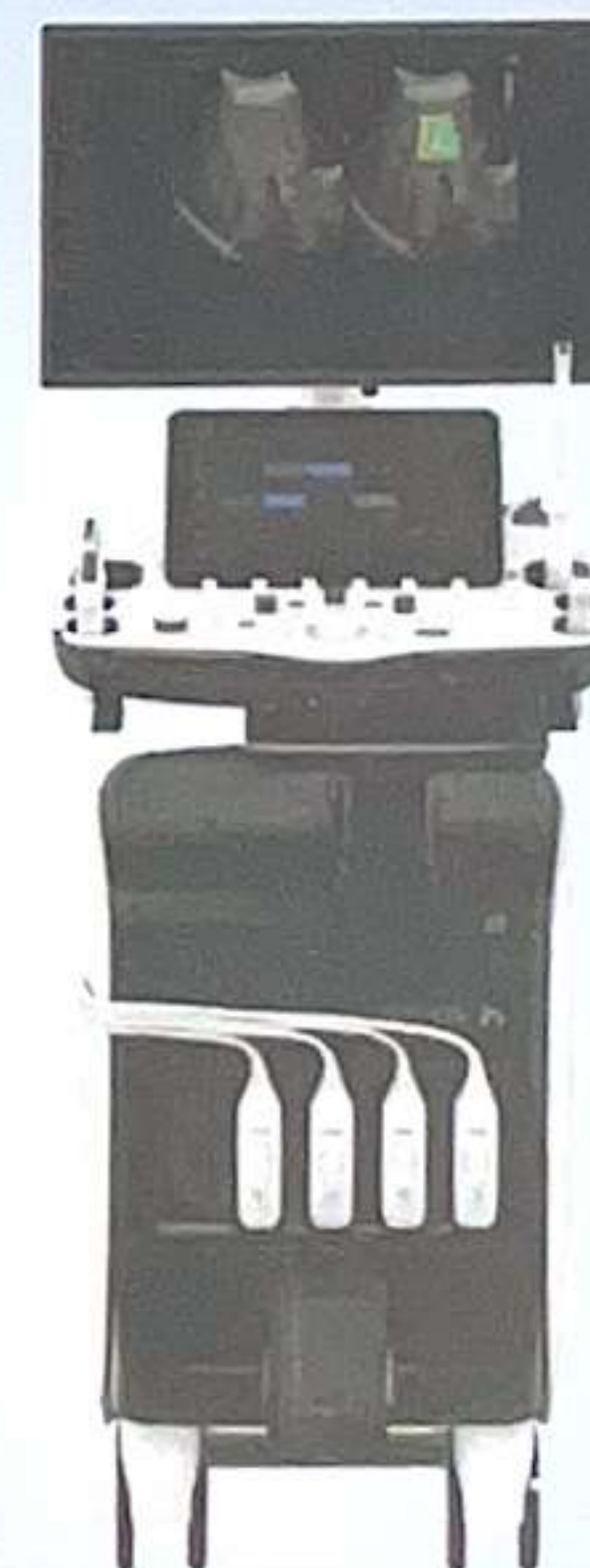
Relentless Innovation
for your diagnostic confidence

SAMSUNG

Samsung Ultrasound System



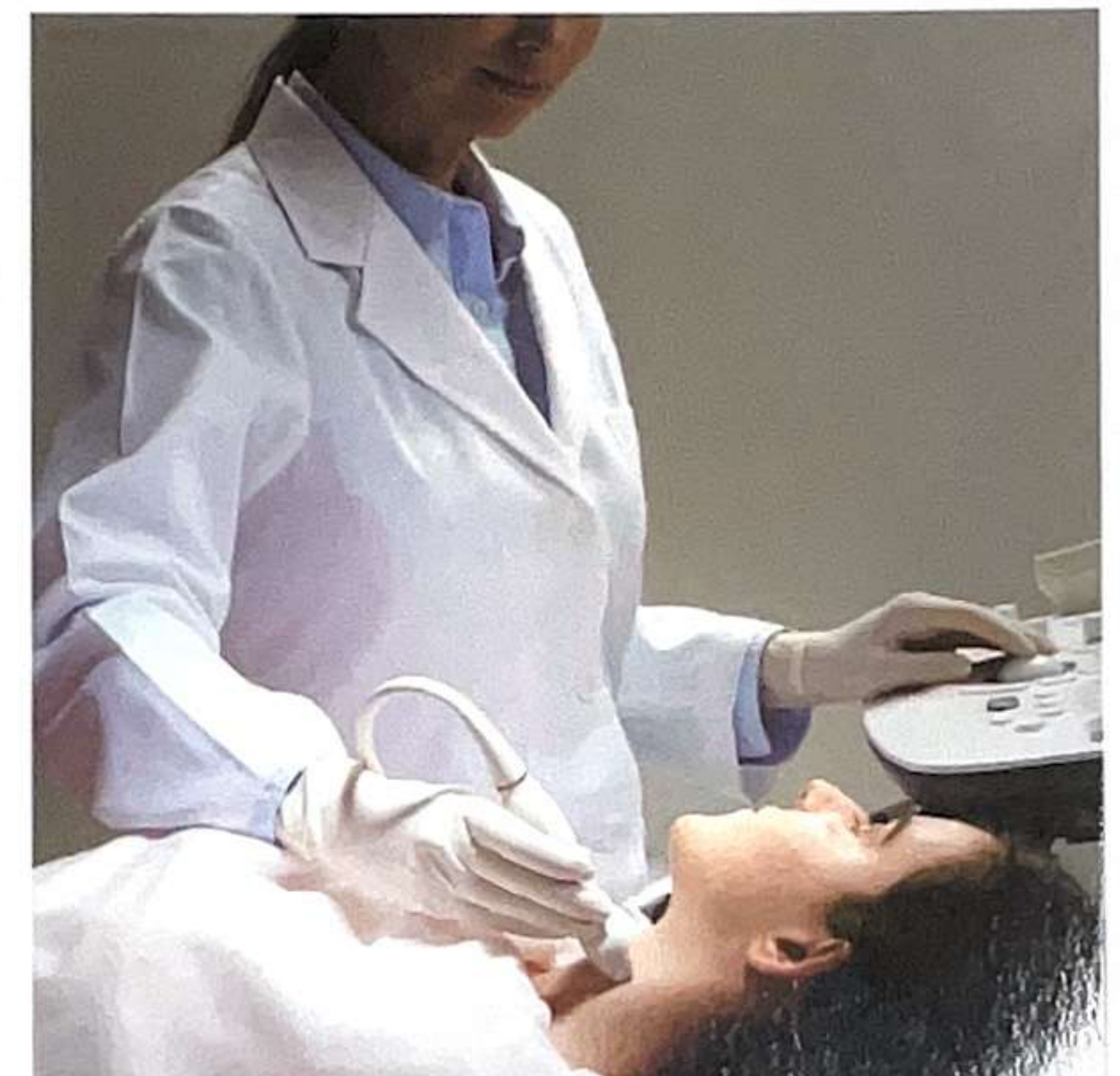
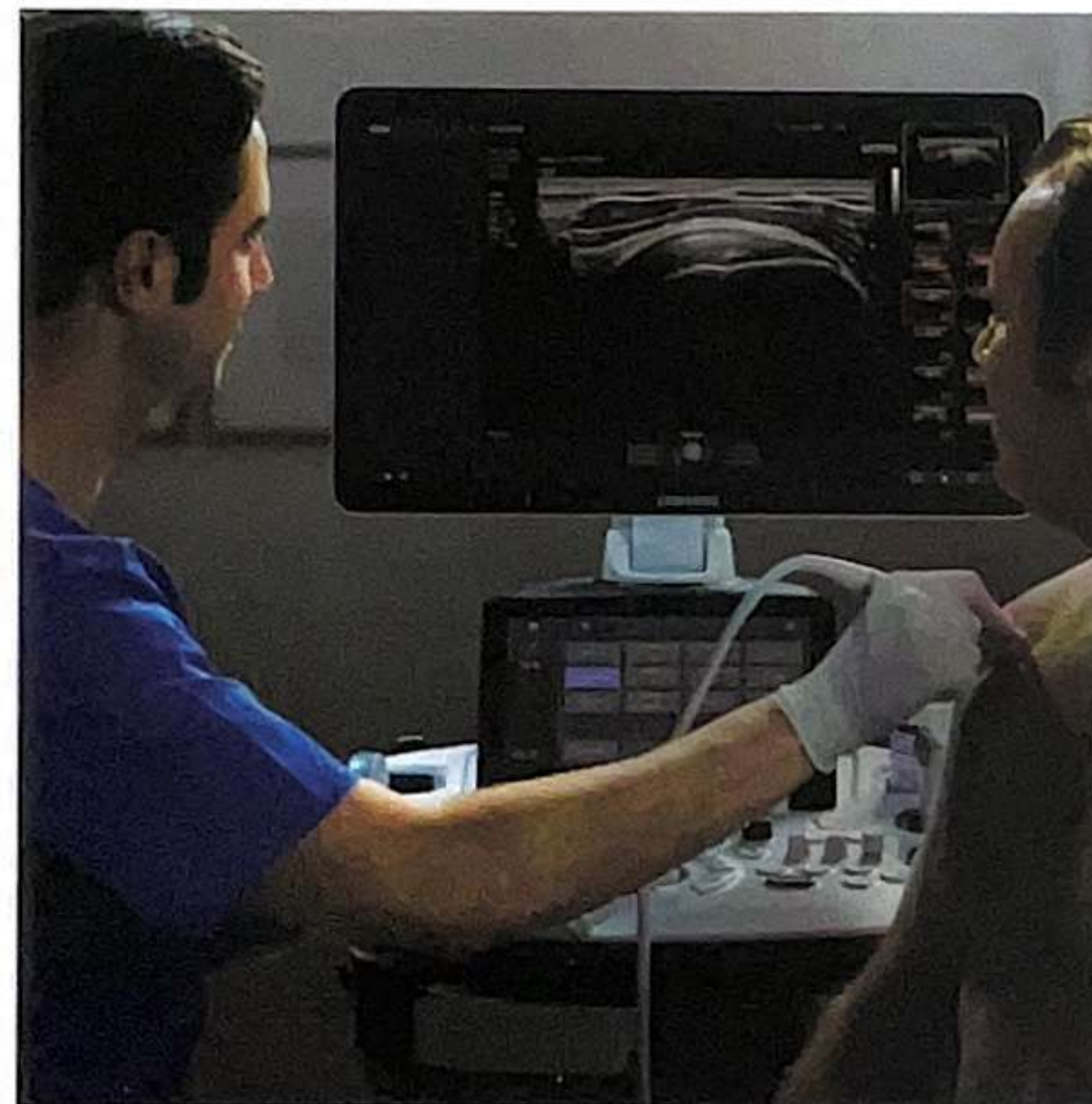
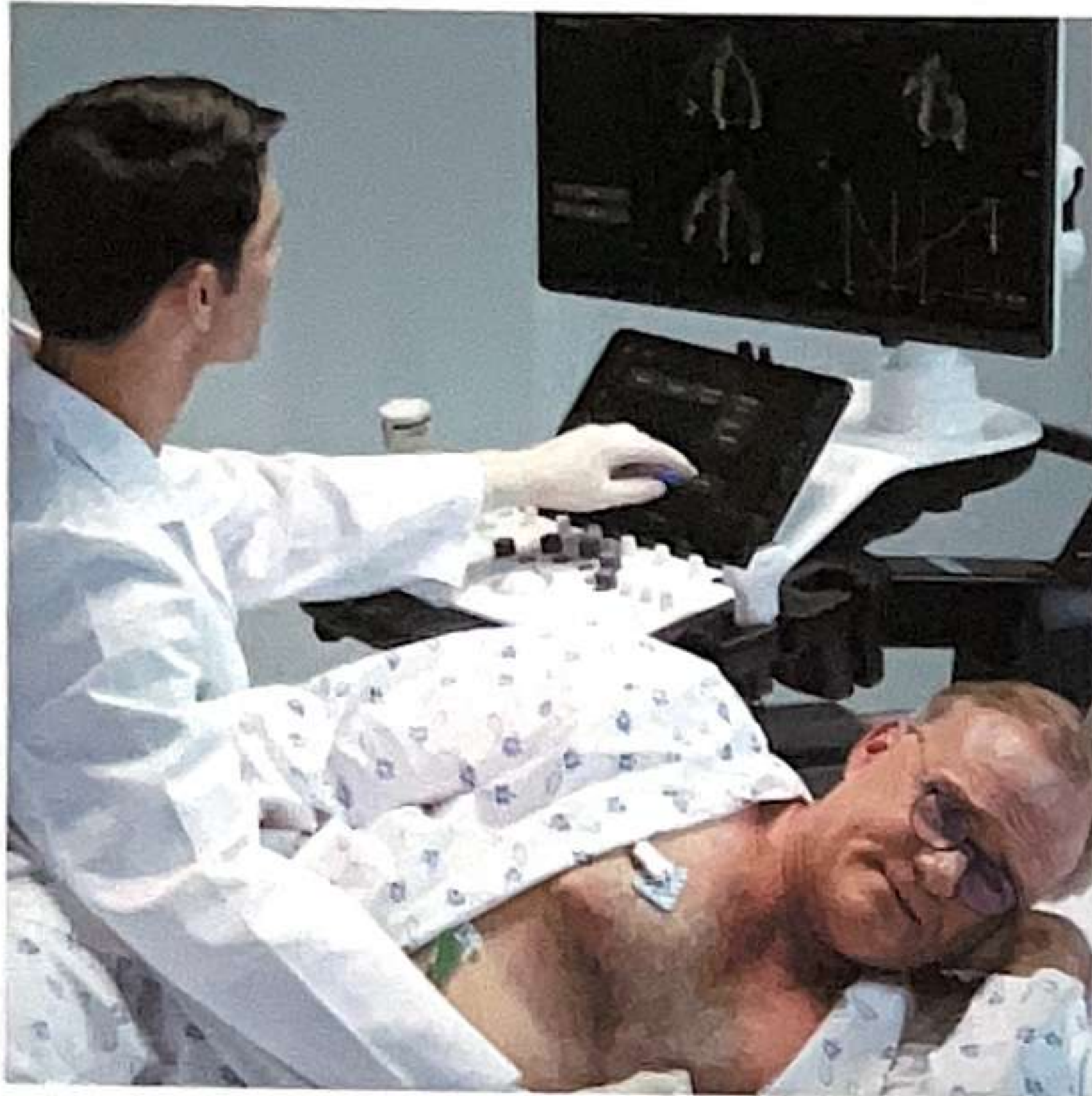
HERA Z20



RS85 Prestige



Contact us



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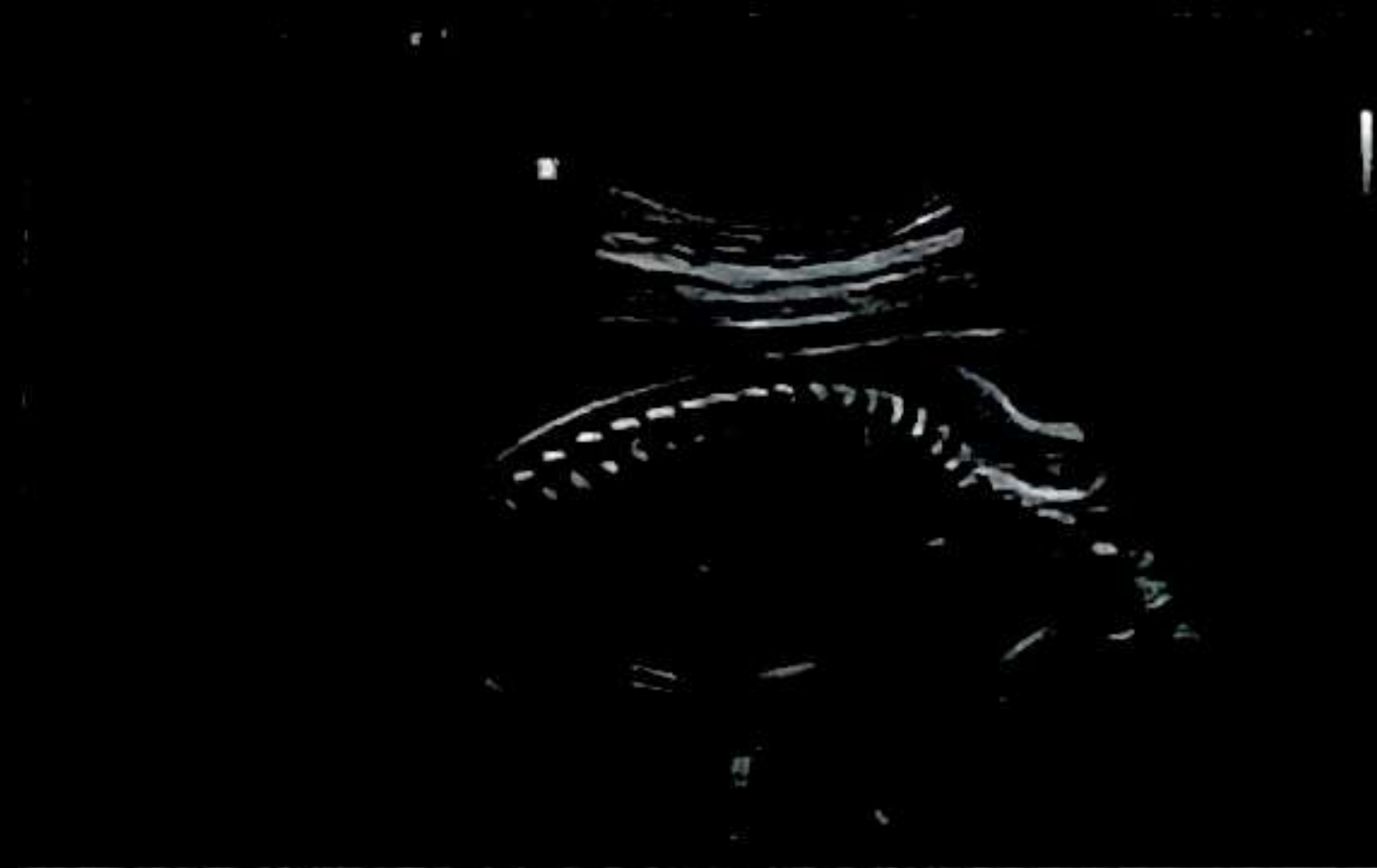
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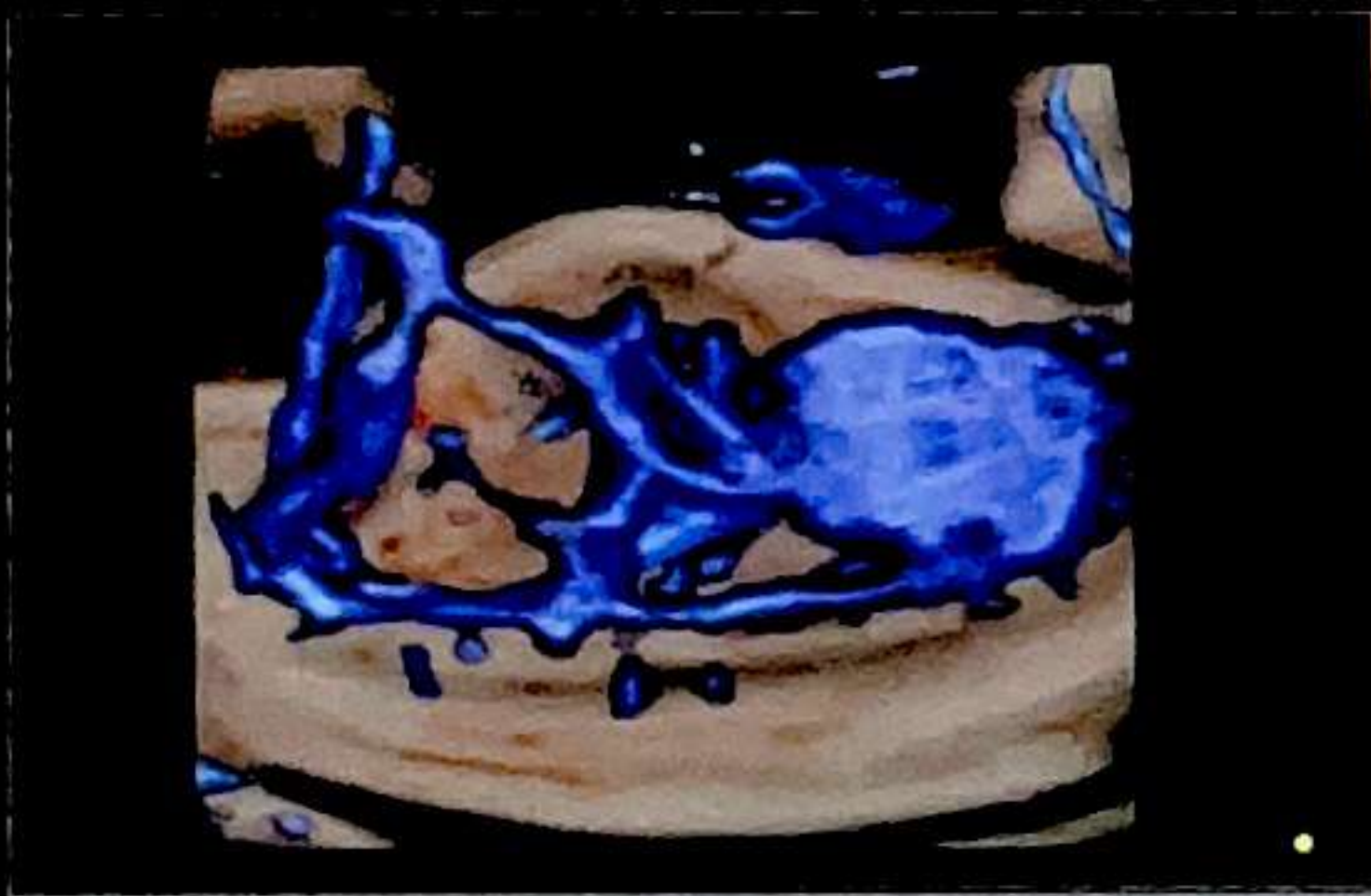
Women's Health

We develop and design expert tools at a high level, incorporating the latest industry-leading innovations and technologies to advance the field. Our systems possess diverse cutting-edge solutions including superb 2D, volume, and color imaging technologies, and intelligent assist features for enhanced diagnostic confidence.



Enhance hidden structures in shadowed regions

ShadowHDR™ selectively applies high-frequency and low-frequency of the ultrasound to identify shadow areas such as fetal head or spine where attenuation occurs.



Visualize slow flow in microvascular structures

MV-Flow™ visualizes microcirculatory and slow blood flow to display the intensity of blood flow (in 2D/3D mode). It is suitable for observation of microcirculatory and volume of slow blood flow.



Express 3D anatomy in detailed and realistic view

RealisticVue™ displays high resolution 3D anatomy with detail and realistic depth perception. User selectable light direction creates intricately graduated shadows for better defined anatomical structures.



Visualize internal and external structures with blood flow morphology

CrystalVue Flow™ is a volume rendering technology provides blood flow morphology based on the CrystalVue™ feature that visualizes the internal structures by projecting the 3D data.



Automatic classification, annotation, and measurement of structures in real-time

Live ViewAssist™, is a feature based on Deep Learning technology, that automatically classifies ultrasound images in real-time and provides annotation of structures and measurement results.



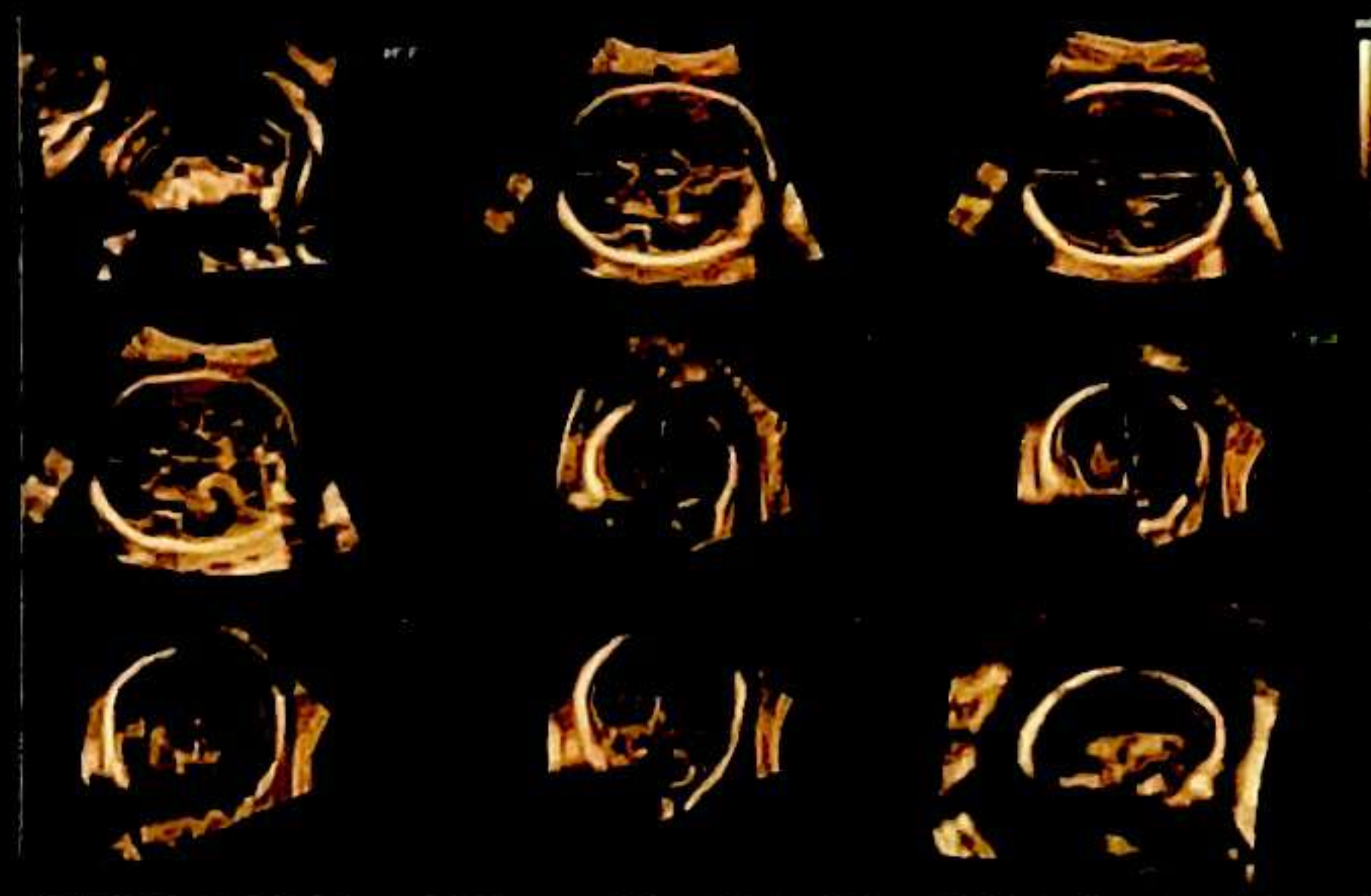
Measure the size and shape of the uterus with AI technology

UterineAssist™, based on Deep Learning technology, automatically measures the size and shape of the uterus, assisting in detecting signs of uterine-related abnormalities, as well as reducing scan time.



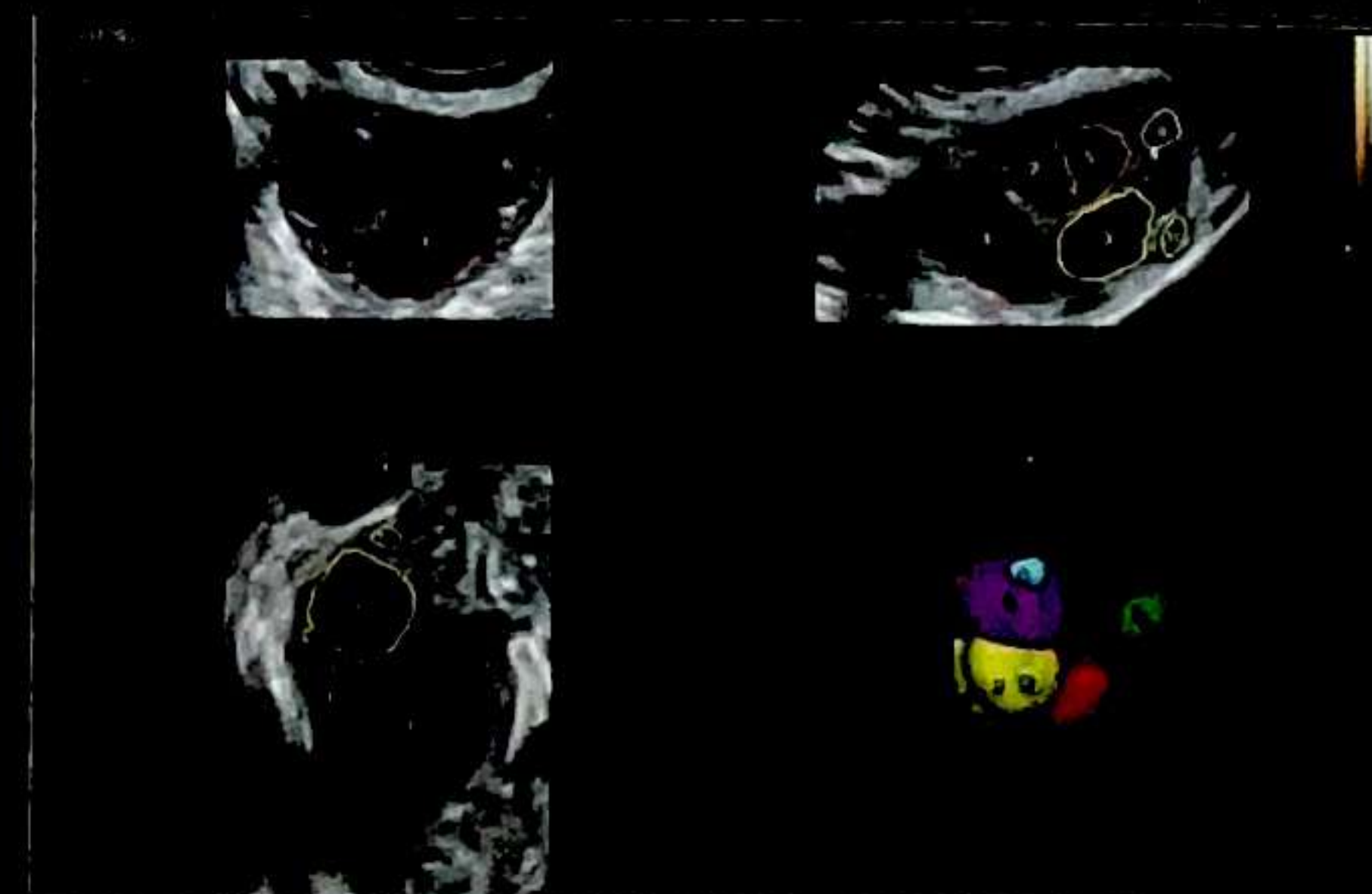
An automated reporting tool for fetal heart diagnosis

HeartAssist™, a feature based on Deep Learning technology, provides automatic classification of ultrasound image into measurement views required for fetal heart diagnosis.



Measure fetal brain in one click

5D CNS+™ uses intelligent navigation to provide 6 measurements from 3 transverse views of the fetal brain to enhance measurement reproducibility and streamlined workflow.



Assess the risk of infertility using volume data

5D Follicle™ identifies and measures multiple ovarian follicles in one scan for rapid assessment of follicular size and status during controlled ovarian stimulation.

Women's Health

HERA Z20

Empowering women with vision



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Crystal-clear, exquisite image quality

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Sophisticated 2D image processing

Luminant™, ShadowHDR™, HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

Realistic description of 3D/4D performance

PortraitVue™, RealisticVue™¹, CrystalVue™¹, CrystalVue Flow™¹, AmbientLight

Detailed expression of blood flow dynamics

MV-Flow™¹, S-Flow™, LumiFlow™

Enriched diagnostic features

Live ViewAssist™, EzVolume™, BiometryAssist™, HeartAssist™, ViewAssist™, UterineAssist™, UterineContour™, Slice A¹, IOTA-ADNEX¹, S-Detect™ for *Breast/Thyroid*^{1,3}, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D NT™¹, 5D Follicle™¹, 5D LB™¹, E-Breast™¹, E-Thyroid™¹, E-Cervix™¹, MPI+¹, CEUS+ HyCoSy¹, 2D NT

Enhanced productivity and facilitated workflow

EzStructure™, EzFlow™, EzCheck™, EzReport™, MyHERA™, SonoSync™^{1,4}, EzExam+™, QuickScan™, QuickPreset, MobileSleep¹, TouchCustomization, TouchGesture, HelloMom™¹, EzPrep™

Ergonomics for your comfort and productivity

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HERA W10 Elite

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Detailed expression of blood flow dynamics

MV-Flow™¹, S-Flow™, LumiFlow™

Enriched diagnostic features

BiometryAssist™, HeartAssist™, ViewAssist™, UterineContour, Slice A¹, IOTA-ADNEX¹, S-Detect™ for *Breast/Thyroid*^{1,3}, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D NT™¹, 5D Follicle™¹, 5D LB™¹, E-Breast™¹, E-Thyroid™¹, E-Cervix™¹, MPI+¹, CEUS+ HyCoSy¹, 2D NT

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RealisticVue™¹, CrystalVue™¹, CrystalVue Flow™¹, AmbientLight

Detailed expression of blood flow dynamics

MV-Flow™¹, S-Flow™, LumiFlow™

Enriched diagnostic features

BiometryAssist™, HeartAssist™¹, ViewAssist™¹, UterineContour, Slice A¹, IOTA-ADNEX¹, S-Detect™ for *Breast/Thyroid*^{1,3}, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D LB™¹, 5D NT™¹, 5D Follicle™¹, E-Breast™¹, E-Thyroid™¹, E-Cervix™¹, MPI+¹, CEUS+ HyCoSy¹, 2D NT

Enhanced productivity and facilitated workflow

SonoSync™^{1,4}, EzExam+™, QuickScan™, QuickPreset, MobileSleep¹, TouchCustomization, TouchGesture, HelloMom™¹, EzPrep™

Ergonomics for your comfort and productivity

23.8-inch LED monitor¹, 14-inch tilting touch screen, Control panel moving mechanism, Support Light, Endocavity transducer holder, Gel warmer, Cable management

HERA W9

Pursuit of excellence



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Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹, AmbientLight

Detailed expression of blood flow dynamics

MV-Flow™¹, S-Flow™, LumiFlow™

Enriched diagnostic features

BiometryAssist™, ViewAssist™¹, UterineContour, Slice A¹, IOTA-ADNEX¹, S-Detect™ for *Breast/Thyroid*^{1,3}, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D NT™¹, 5D Follicle™¹, 5D LB™¹, E-Breast™¹, E-Thyroid™¹, E-Cervix™¹, CEUS+ HyCoSy¹, 2D NT

Enhanced productivity and facilitated workflow

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Ergonomics for your comfort and productivity

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Women's Health

HERA I10

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Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹, CrystalVue Flow™¹, AmbientLight

Detailed expression of blood flow dynamics

MV-Flow™¹, S-Flow™, LumiFlow™

Enriched diagnostic features

BiometryAssist™, HeartAssist™¹, ViewAssist™¹, UterineContour, Slice A¹, IOTA-ADNEX¹, S-Detect™ for *Breast/Thyroid*^{1,3}, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D NT™¹, 5D Follicle™¹, 5D LB™¹, E-Breast™¹, E-Thyroid™¹, E-Cervix™¹, MPI+¹, CEUS+ HyCoSy¹, 2D NT

Enhanced productivity and facilitated workflow

SonoSync™^{1,4}, EzExam+™, QuickScan™, QuickPreset, TouchCustomization, TouchGesture, HelloMom™¹, EzPrep™

Ergonomics for your comfort and productivity

Built-in chair (iChair), Paper roll hanger, Transducer cable support, Stirrups, Cable management, Floating control panel, Transducer station, 23.8-inch LED monitor¹, 13.3-inch tilting touch screen, Gel warmer

V8

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Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹, CrystalVue Flow™¹, HDVI

Detailed expression of blood flow dynamics

MV-Flow™¹, LumiFlow™¹, S-Flow™

Enriched diagnostic features

ViewAssist™¹, BiometryAssist™¹, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D NT™¹, 5D LB™¹, 5D Follicle™¹, 2D Follicle™¹, S-Detect™ for *Breast/Thyroid*^{1,3}, E-Strain™¹, MPI+¹, CEUS+ HyCoSy¹, LaborAssist™¹, Uterine Contour, UterineAssist™¹, IOTA-ADNEX¹, E-Cervix™¹

Enhanced productivity and facilitated workflow

SonoSync™^{1,4}, EzExam+™¹, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, TouchGesture, HelloMom™¹, BatteryAssist™¹, Contextual button, QuickSave, EzPrep™

Ergonomics for your comfort and productivity

23.8-inch LED Monitor, 14-inch tilting touchscreen, Cooling system, Adjustable control panel, Endocavity transducer holder, Gel warmer

Women's Health

V7

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Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹, CrystalVue Flow™¹, HDVI

Detailed expression of blood flow dynamics

MV-Flow™¹, LumiFlow™¹, S-Flow™

Enriched diagnostic features

ViewAssist™¹, BiometryAssist™¹, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D NT™¹, 5D LB™¹, 5D Follicle™¹, 2D Follicle™¹, S-Detect™ for *Breast/Thyroid*^{1,3}, E-Strain™¹, MPI+™¹, CEUS+ HyCoSy™¹, LaborAssist™¹, Uterine Contour, UterineAssist™¹, IOTA-ADNEX™¹, E-Cervix™¹

Enhanced productivity and facilitated workflow

SonoSync™^{1,4}, EzExam+™¹, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, TouchGesture, HelloMom™¹, BatteryAssist™¹, Contextual button, QuickSave, EzPrep™

Ergonomics for your comfort and productivity

23.8-inch LED Monitor™¹, 14-inch touchscreen, Cooling system, Adjustable control panel, Endocavity transducer holder, Gel warmer

V6

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Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹, CrystalVue Flow™¹, HDVI

Detailed expression of blood flow dynamics

MV-Flow™¹, LumiFlow™¹, S-Flow™

Enriched diagnostic features

ViewAssist™¹, BiometryAssist™¹, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D NT™¹, 5D LB™¹, 5D Follicle™¹, 2D Follicle™¹, S-Detect™ for *Breast/Thyroid*^{1,3}, E-Strain™¹, CEUS+ HyCoSy™¹, LaborAssist™¹, Uterine Contour, UterineAssist™¹, IOTA-ADNEX™¹

Enhanced productivity and facilitated workflow

SonoSync™^{1,4}, EzExam+™¹, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, TouchGesture, HelloMom™¹, BatteryAssist™¹, Contextual button, QuickSave, EzPrep™

Ergonomics for your comfort and productivity

23.8-inch LED Monitor™¹, 14-inch touchscreen, Cooling system, Adjustable control panel, Endocavity transducer holder, Gel warmer

Women's Health

V5

From basics to brilliance



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Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹, CrystalVue Flow™¹, HDVI

Detailed expression of blood flow dynamics

MV-Flow™¹, LumiFlow™¹, S-Flow™

Enriched diagnostic features

ViewAssist™¹, BiometryAssist™¹, 5D Heart Color™¹, 5D CNS+™¹, 5D Limb Vol.™¹, 5D NT™¹, 5D LB™¹, 5D Follicle™¹, 2D Follicle™¹, S-Detect™ for *Breast/Thyroid*^{1,3}, E-Strain™¹, MPI+™¹, CEUS+ HyCoSy™¹, LaborAssist™¹, Uterine Contour, UterineAssist™¹, IOTA-ADNEX™¹

Enhanced productivity and facilitated workflow

SonoSync™^{1,4}, EzExam+™¹, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, TouchGesture, HelloMom™¹, BatteryAssist™¹, Contextual button, QuickSave, EzPrep™, WIFI

Ergonomics for your comfort and productivity

23.8-inch LED Monitor¹, 14-inch touchscreen, Cooling system, Adjustable control panel, Endocavity transducer holder, Gel warmer

HS60

Focus on your needs



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Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹

Detailed expression of blood flow dynamics

MV-Flow™¹, S-Flow™, LumiFlow™¹

Enriched diagnostic features

BiometryAssist™, 5D Heart Color™¹, 5D NT™¹, 2D NT™¹, 5D Follicle™¹, 2D Follicle™¹, S-Detect™ for *Breast/Thyroid*^{1,3}, E-Strain™¹, ElastoScan™^{1,2}, 3D XI™¹, 3D MXI™¹, XI STIC™¹, LaborAssist™¹

Enhanced productivity and facilitated workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, Measure Navigation, HelloMom™¹, BatteryAssist™¹

Ergonomics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Transducer cable hangers, Gel warmer¹

Women's Health

HS50

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HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

Realistic description of 3D/4D performance

RealisticVue™¹

Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™¹

Enriched diagnostic features

BiometryAssist™, 5D NT™¹, 2D NT¹, 5D Follicle™¹, 2D Follicle™¹, 3D XI¹,
S-Detect™ for *Breast/Thyroid*^{1,3}, E-Strain™¹, ElastoScan™^{1,2}, XI STIC¹, LaborAssist™¹

Enhanced productivity and facilitated workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, Measure Navigation,
HelloMom™¹, BatteryAssist™¹

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Transducer cable hangers, Gel warmer¹

HS40

Establish everyday efficiency



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Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹

Detailed expression of blood flow dynamics

S-Flow™

Enriched diagnostic features

BiometryAssist™, UterineAssist™¹, 5D NT™¹, 2D NT¹, 5D Follicle™¹, 2D Follicle™¹,
S-Detect™ for *Breast*^{1,3}, ElastoScan™^{1,2}, 3D XI¹, XI STIC¹, LaborAssist™¹

Enhanced productivity and facilitated workflow

EzExam+™¹, EzCompare™, EzAssist™¹, QuickScan™, QuickPreset,
Measure Navigation, HelloMom™¹, BatteryAssist™¹

Ergonomics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Gas lift,
Side storage¹, Rear tray¹, Endocavity transducer holder¹, Gel warmer¹, SSD drive,
Print cover¹

Women's Health

HM70 EVO

Mobile excellence



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Sophisticated 2D image processing

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

Realistic description of 3D/4D performance

RealisticVue™¹, CrystalVue™¹

Detailed expression of blood flow dynamics

S-Flow™

Enriched diagnostic features

BiometryAssist™, 5D NT™¹, 2D NT¹, 5D Follicle™¹, 2D Follicle™¹, ElastoScan™^{1,2}, 3D XI¹, XI STIC¹, LaborAssist™¹, UterineAssist™¹

Enhanced productivity and facilitated workflow

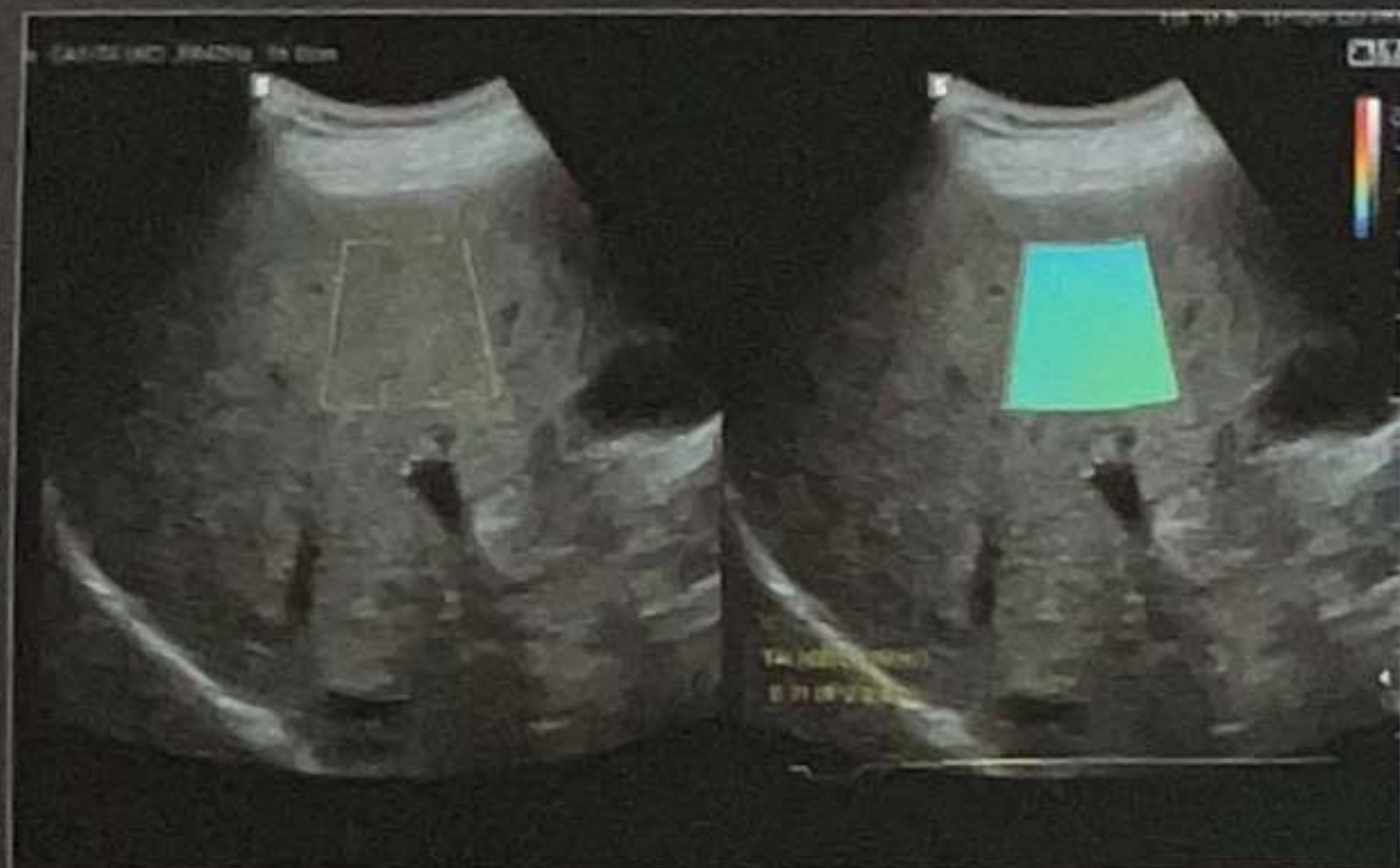
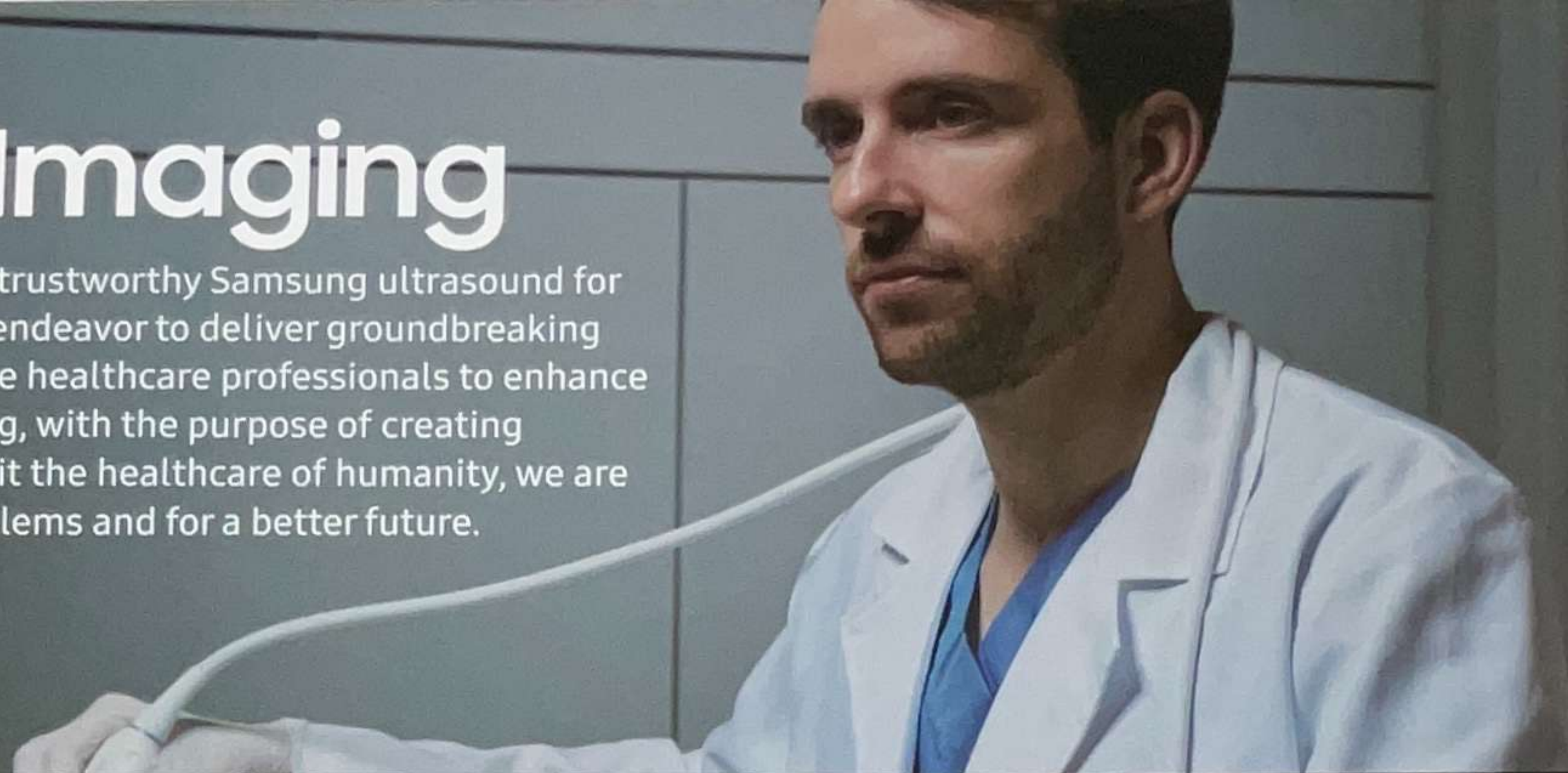
EzExam+™¹, EzCompare™, EzAssist™¹, Barcode Scanner, QPath™, QuickScan™, Full Screen, QuickPreset, Measure Navigation, Mobile Export¹

Ergonomics for your comfort and productivity

Cart (Gas lift, On cart power outlets¹, Built-in printer storages, Built-in power supply, 3 extension ports support, 15-inch LCD monitor

General Imaging

Experience new innovations with trustworthy Samsung ultrasound for general imaging. We make every endeavor to deliver groundbreaking products and solutions that enable healthcare professionals to enhance diagnostic confidence. At Samsung, with the purpose of creating products and solutions that benefit the healthcare of humanity, we are committed to solving today's problems and for a better future.



Quantitative measurement of liver fat with ultrasound signal attenuation

TAI™ provides quantitative tissue attenuation measurement to assess steatotic liver changes.



Quantify steatosis of a liver



EzHRI™ provides HRI ratio to quantify steatosis of a liver by comparing echogenicity between liver parenchyma with renal cortex.



Visualize slow flow in microvascular structures

MV-Flow™ offers an advanced color imaging for visualizing slow flow of microvascularized structures.



Show blood flow in vessels in a 3D like display

LumiFlow™ visualizes blood flow in three dimensional-like to help understand the structure of blood flow and small vessels intuitively.



Display and quantify tissue stiffness in a non-invasive method

S-Shearwave Imaging™ allows for non-invasive assessment of the stiffness of tissue/lesions in various applications such as breast, liver, MSK and prostate.



Analyze selected breast lesions and report breast assessment

S-Detect™ for Breast, which analyzes selected lesions in the breast ultrasound study and shows the analysis data, applies BI-RADS ATLAS* to provide standardized reporting.



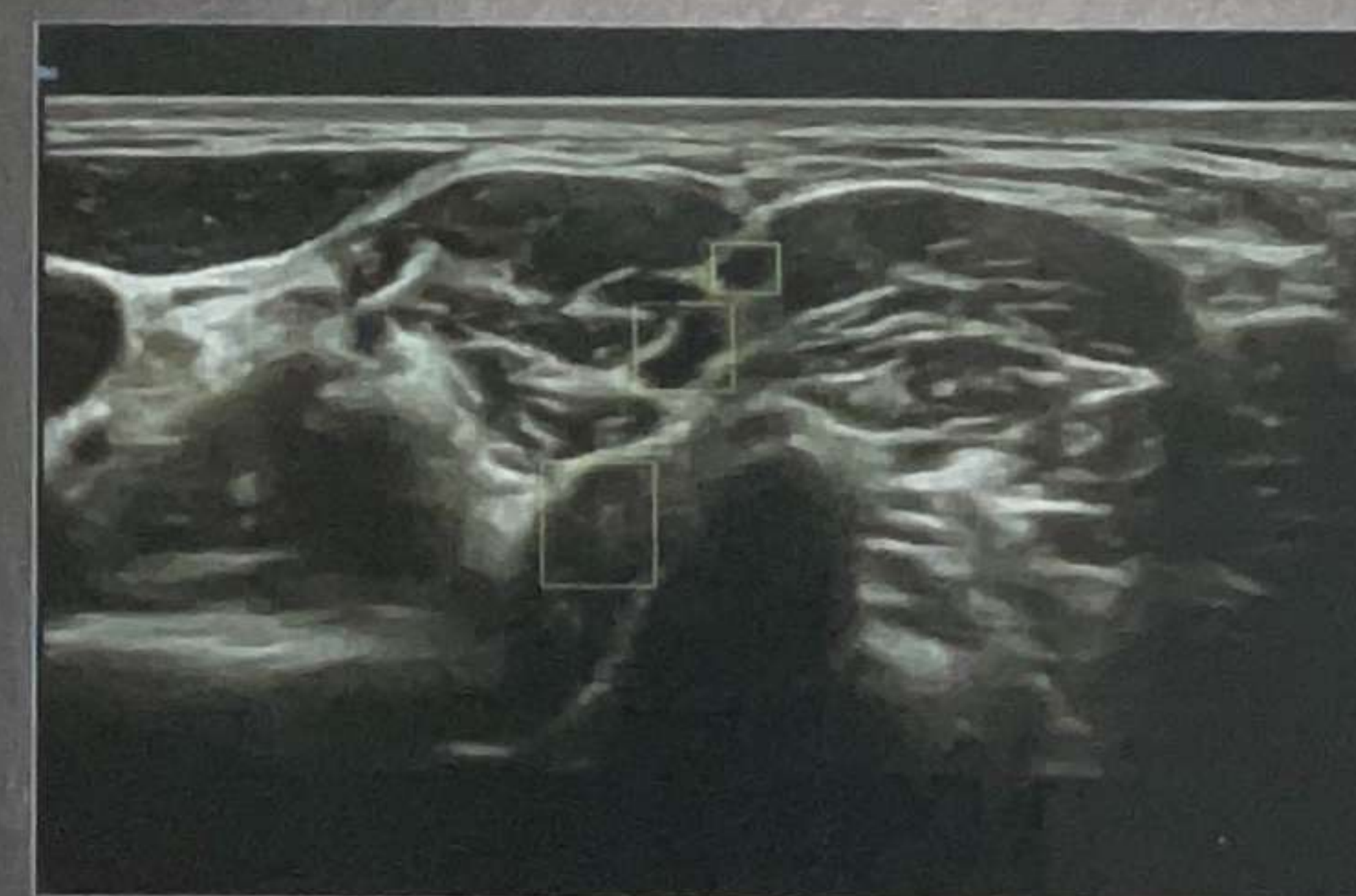
Allows precise targeting during prostate biopsy

S-Fusion™ for Prostate allows precise targeting during prostate biopsies. Based on 3D models created with MR data sets, S-Fusion™ for Prostate provides biopsy guidance to help safely navigate and target the prostate.



An automated reporting tool for heart diagnosis

HeartAssist™, a feature based on Deep Learning technology, provides automatic classification of ultrasound image into measurement views required for heart diagnosis and provides measurement results.



Detect and track nerves automatically with AI technology

NerveTrack™, a feature based on Deep Learning technology, detects and provides information of the location of the nerve area in real-time during ultrasound scanning.

General Imaging

RS85 Prestige

The real revolution



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Detailed expression of blood flow dynamics

MV-Flow™¹, S-Flow™, LumiFlow™¹

Advanced intelligence for reliable assessment

Live BreastAssist™¹, EzHRI™¹, TAI™¹, TSI™¹, S-Shearwave Imaging™¹,
S-Detect™^{1,3} for Breast/Thyroid, NerveTrack™¹, EzNerveMeasure™¹

Precise and Convenient Interventional Solutions

S-Fusion™ for Liver/Prostate¹, NeedleMate+™

Enriched diagnostic features

E-Breast™¹, E-Thyroid™¹, Strain+¹, StressEcho¹, AutoIMT+, AutoEF¹,
ArterialAnalysis™¹, Panoramic+, CEUS+¹

Enhanced productivity and facilitated workflow

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Touch customization

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RS80 EVO

Exceptional confidence



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S-Detect™^{1,3} for Breast/Thyroid, NerveTrack™¹, EzNerveMeasure™¹

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ArterialAnalysis™¹, Panoramic+¹, CEUS+¹

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Gel warmer, 14-inch tilting touch screen

General Imaging

V8

Step up confidence



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MV-Flow™¹, LumiFlow™¹, S-Flow™

Enriched diagnostic features for reliable assessment

S-Shearwave Imaging™¹, TAI™¹, TSI™¹, EzHRI™¹, S-Detect™^{1,3} for *Breast/Thyroid*, NerveTrack™¹, HeartAssist™¹, AutoEF¹, E-Strain™¹, StressEcho¹, AutoIMT+¹, Panoramic+¹, CEUS+¹, ArterialAnalysis™¹

Precise and Convenient Interventional Solutions

S-Fusion™¹, NeedleMate+™¹

Enhanced productivity and facilitated workflow

SonoSync™^{1,4}, EzExam+™¹, EzCompare™, QuickScan™, QuickPreset, EzPrep™
Expanded view, TouchEdit, BatteryAssist™¹, Contextual button, QuickSave

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Adjustable control panel, Endocavity transducer holder, Gel warmer

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Detailed expression of blood flow dynamics

MV-Flow™¹, LumiFlow™¹, S-Flow™

Enriched diagnostic features for reliable assessment

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Tools for protecting against cyber threats from external attacks

Security tools
(IDS, IPS, & Firewall)
Security monitoring system



Access Control

Strengthened surveillance for tracking the access of patient information

Account management
Audit trail



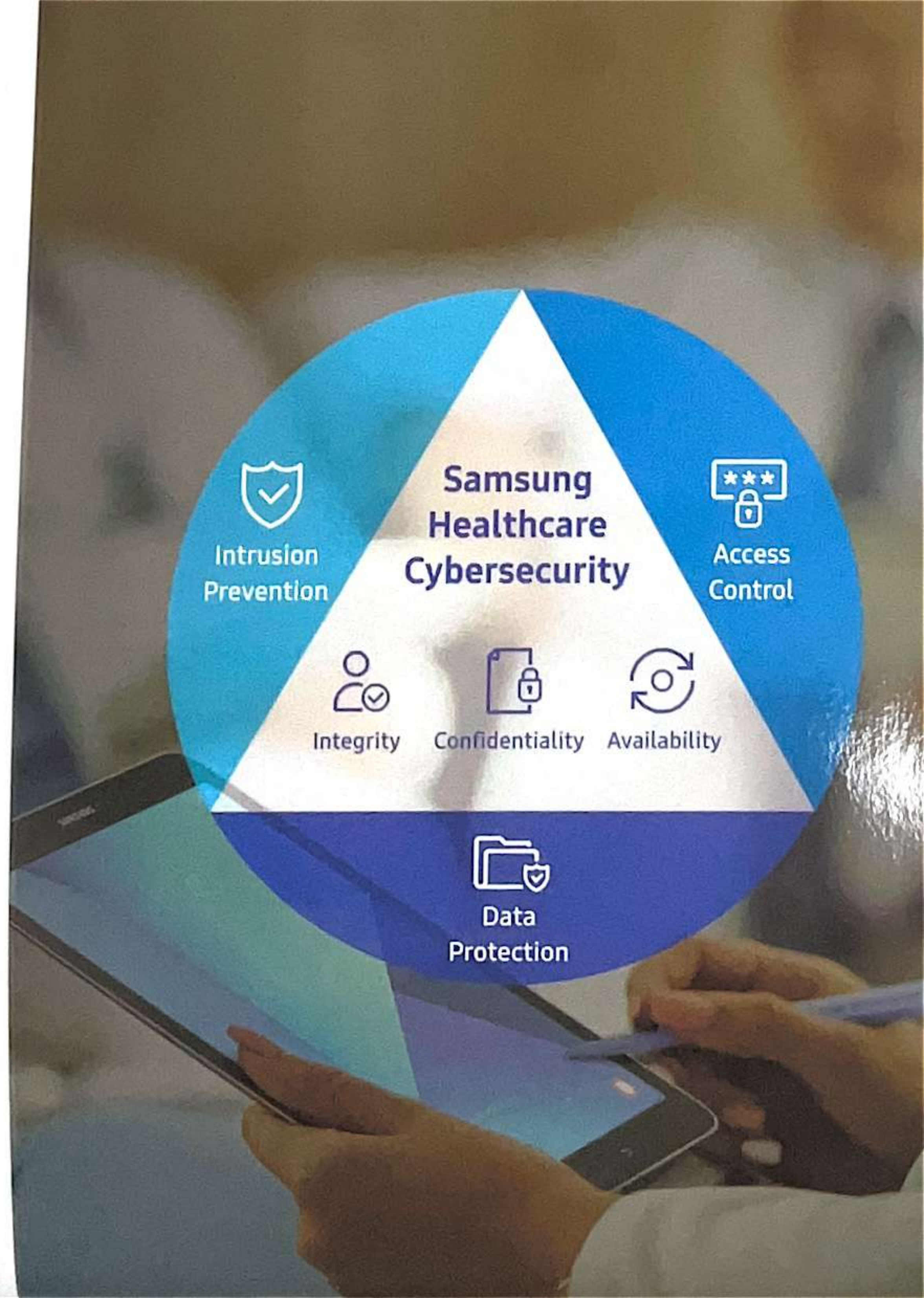
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Encryption functions for safeguarding data whether at-rest or in-transit

Data encryption
Transmission security

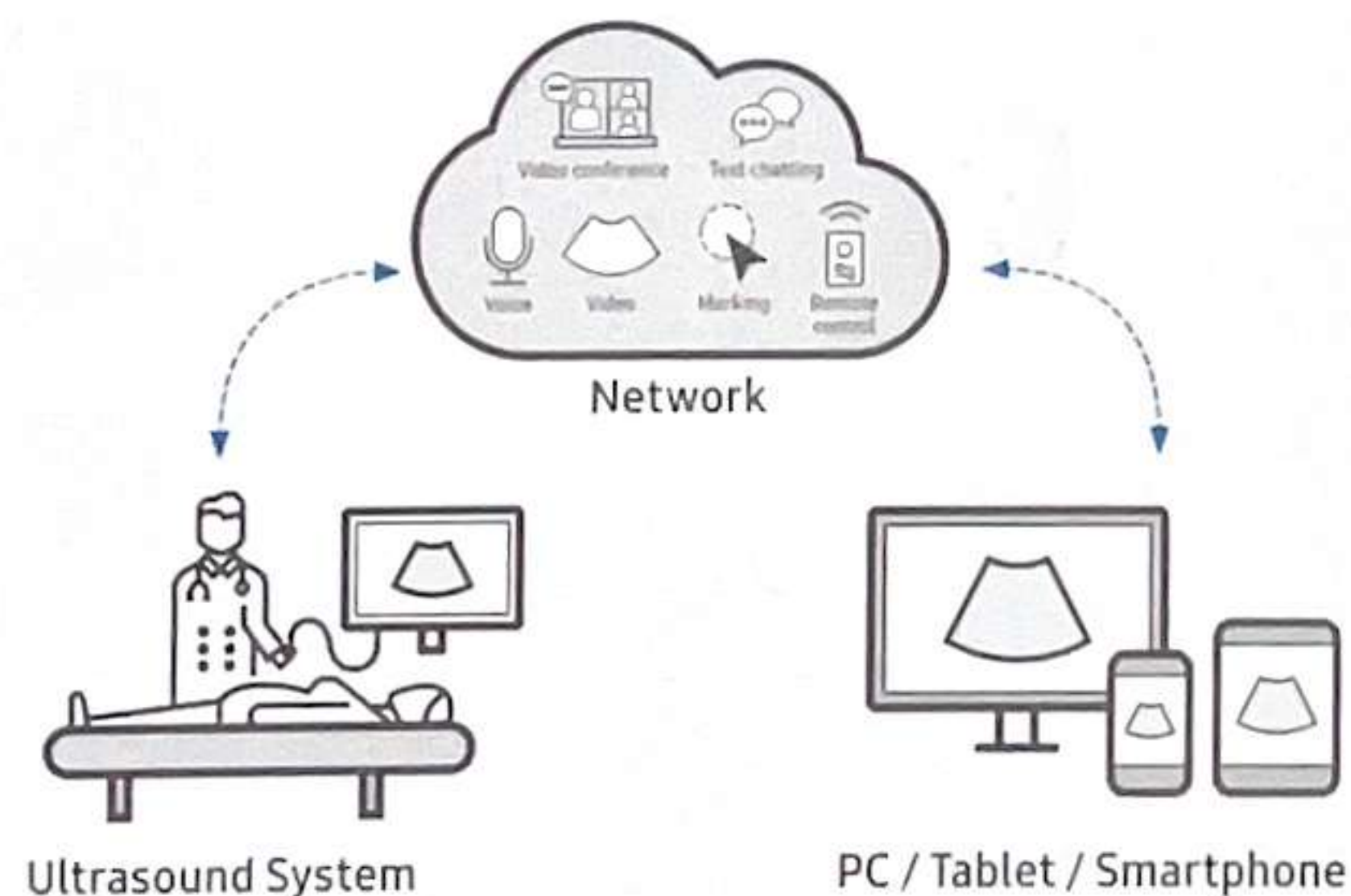


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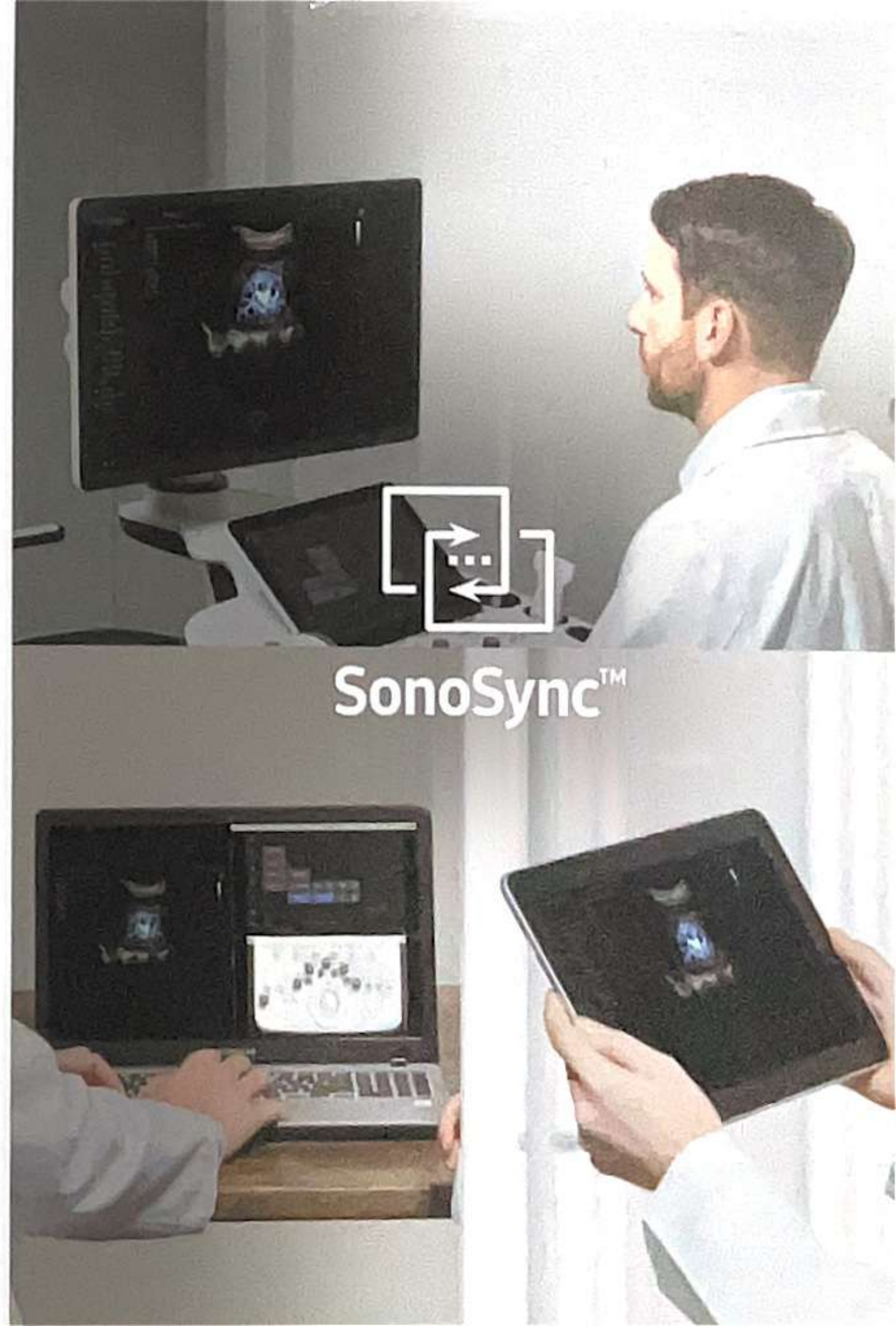


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* SonoSync™ is an image sharing solution.



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 - * The Built-in Chair (iChair) displayed with HERA I10 is an independent product designed to be compatible with HERA I10.
1. Optional feature, additional purchase required.
 2. Strain value for ElastoScan+™ is not applicable in Canada and the United States.
 3. In the United States, only shape and orientation items for S-Detect™ are automatically provided.
Also the recommendations about whether results are benign or malignant in S-Detect™ are not applicable.
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