SonoScape

U-P60202010115

SonoScape

Intelligent Future Attainable

P60 Exp

Color Doppler Diagnostic Ultrasound System

Intelligent Future Attainable

P60 Exp is designed to reform the practice at the frontend of women's healthcare through continuous innovation. With a remarkable breakthrough in exceptional acoustic architecture and superior imaging capability, P60 Exp delivers true value to the detection and diagnosis of routine to complex cases in women's health exams. Empowered by Wis+ intelligent platform configured with Artificial Intelligence (AI), streamlined workflow, consistent and accurate big-data-based biometry allow clinicians to connect patients, confidently and efficiently.

Commitment to Life-long Healthcare for Women

P60 Exp from SonoScape is committed to provide brand-new clinically tailored experience in reproductive medicine, OB exams for all gestational ages, neonatal care, pelvic floor ultrasound, breast ultrasound, etc. The disruptive innovation brought by P60 Exp will redefine and revolutionize your views about how high-end ultrasound could be applied to OB/GYN field, exactly to your needs.

Reproductive Medicine

With exceptional image quality and specialized transducers, P60 Exp works brilliantly in providing well-rounded evaluation on reproductive health, including examinations for gynecological disease, fallopian tube patency, follicle growth monitoring, etc.

Specialized Transvaginal Transducers

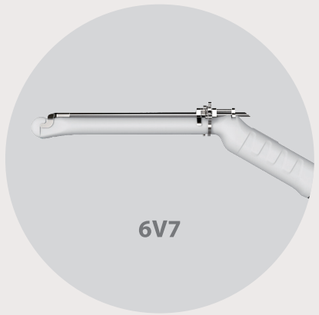
- Ingenious design of the crank handle makes it much cozier and easier for the exam operation.
- 230° large sweeping angle, combined with dedicated biopsy bracket, allows the clear display of biopsy needle placement and ensures the accuracy and safety of ultrasound intervention.

Superior Endocavity 3D/4D Imaging

Clinicians are expected to benefit a lot from the impressive improvement of endocavity 3D/4D imaging, which not only works well for routine exams but also supports follicle auto measurement and multiple 3D rendering modes. More diagnosis information at higher confidence is therefore acquired, especially for uterine anomalies, observation of endometrium and tumor morphology, not to mention our leading advantage in ultra-large sweeping angle.

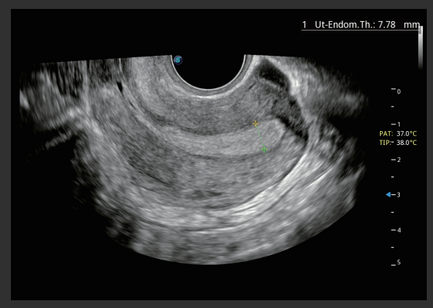
HyCoSy with SPI

Color coded Hysterosalpingo Contrast Sonography (HyCoSy) is a proprietary feature on P60 Exp that can clearly demonstrate the arrival time of contrast agents into different parts of the uterus, fallopian tubes and ovaries. As a result, clinicians are provided with strong and confident evidence to investigate tubal patency for subfertile female.

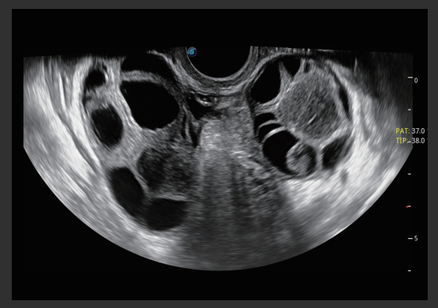


6V7

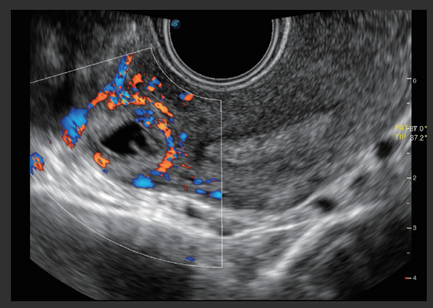
VE9-5



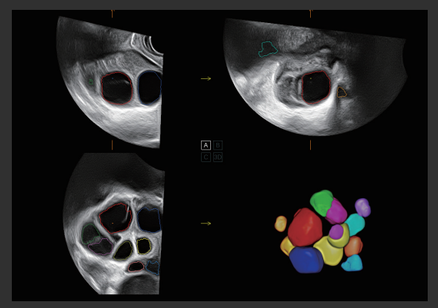
Auto Endometrium Measurement with S-Endo, 6V3



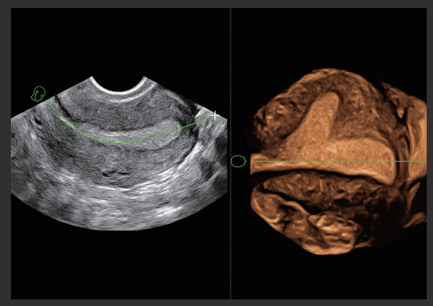
Ovary with uScan+, 6V7



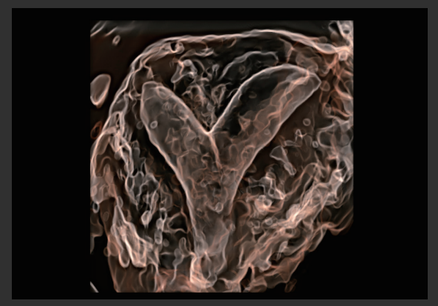
Adnexa Uteri with SR Flow



Follicles with Auto Volume Calculation



3D Uterus with VCI and FreeVue



Uterine Malfunction with S-Live Silhouette

First Trimester Screening

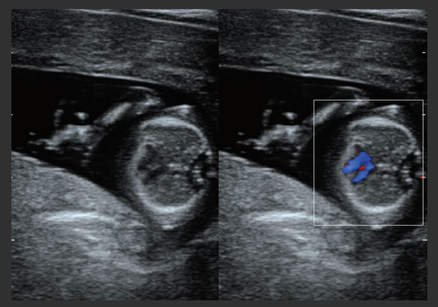
According to The International Society of Ultrasound in Obstetrics & Gynecology (ISUOG), the combination of ultrasound first trimester screening and Noninvasive prenatal testing (NIPT), is able to detect most of the fetal chromosomal abnormalities. Thanks to the exquisite image quality offered by P60 Exp, first trimester screening is right now at feasible ease.

Auto NT

NT measurement in between 11-13(+6) weeks is the most significant indicator in risk assessment for chromosomal anomaly. High resolution image display and easy-to-use automated tool of P60 Exp help clinicians with the rapid measurement of NT.

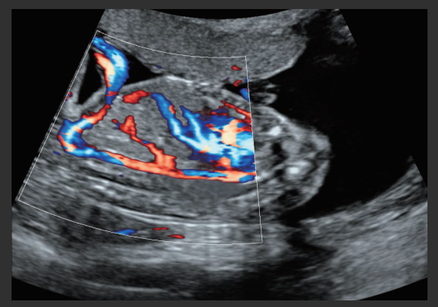
S-Live Silhouette

Through the application of an virtual light source and shadowing effect, S-Live Silhouette sees through the surface and clearly delineates the outlines of bone, organs, cavities, vessel walls and other internal structures. It is a beneficial tool for identifying normal anatomy and diagnosing complex congenital malformations.

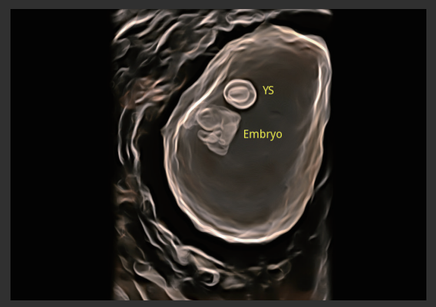


Fetal Heart at First Trimester

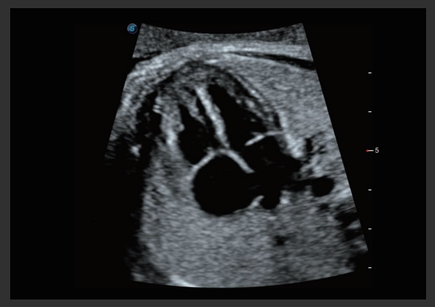
Fetus with S-Live



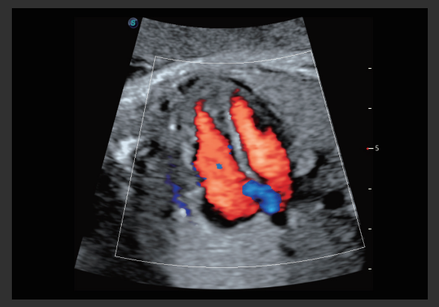
Fetal Circulatory System with SR Flow



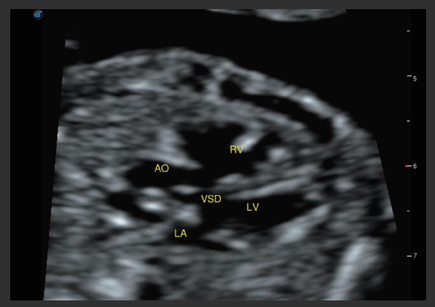
Gestational Sac with S-Live Silhouette



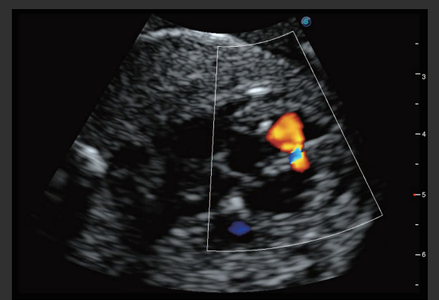
Fetal Heart, 4CH



Fetal Heart Blood Flow



Ventricular Septal Defect



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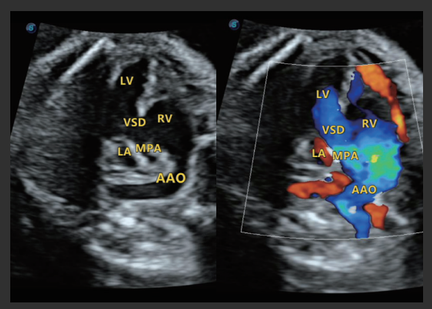
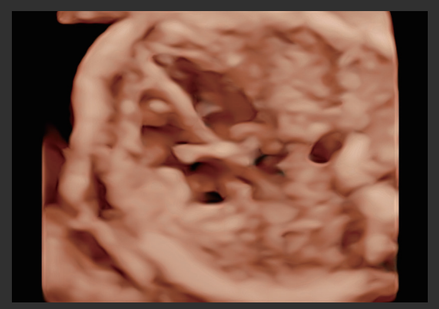


Double Outlet Right Ventricle with Blood Flow



Fetal Heart with S-Live

Fetal Cardiac Screening

P60 Exp is equipped with a series of imaging technology specialized for fetal heart assessment.

HD-Zoom

HD-Zoom enlarges a specific image region without loss of pixel information and sacrificing any details, allowing the clear visualization of subtle structures and tiny anomalies. In addition, one-key full screen zoom is also available. P60 Exp provides different zoom modes for clinicians to explore complicated fetal heart anatomy as they want.

STIC

By averaging frames in the temporal and spatial dimension, STIC on P60 Exp is able to reconstruct image in different planes for the comprehensive examination and evaluation for fast-moving fetal heart structures from various angles, which is especially useful for the diagnosis of congenital heart diseases.

Second/Third Trimester Screening

Advanced but easy-to-use features and diagnosis tools present precise and fast approachable anatomy information.

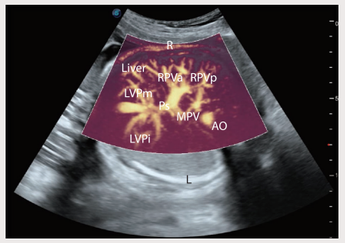
S-Fetus *

Based on a big data dependable deep learning algorithm, S-Fetus is a brilliant one-stop solution for automatic standard plane acquisition and measurement. With just one click, common fetal biometry results are obtained with high intelligence, accuracy and efficiency, aiming for an unprecedented ease during operation.

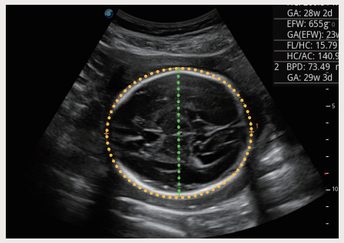
New Generation Single Crystal Transducer

Together with P60 Exp, new generation single crystal transducers, featured by proprietary cutting technology down to micron level, are also available to deliver excellence in image resolution and penetration with much higher acoustic energy transmission. They play an important part in the exams for the third trimester and different patients.

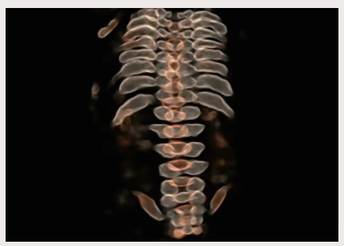
Fetal Fingers with S-Live



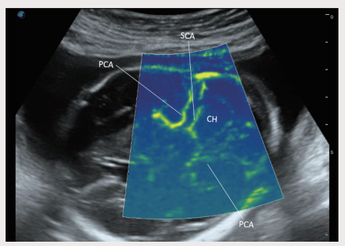
Fetal Hepatic Veins with Micro F



BPD/HC Measurement with S-Fetus



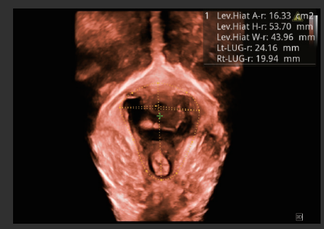
Fetal Spine with S-Live Silhouette



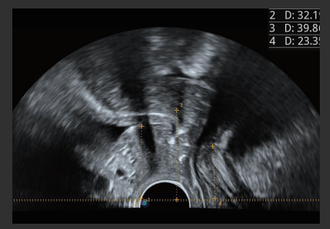
Fetal Unilateral Cerebellar Hypoplasia with Micro F

Acardiac Twinning with uScan+

* Due to regulatory reasons their future availability cannot be guaranteed.



Levator Hiatus with S-Pelvic



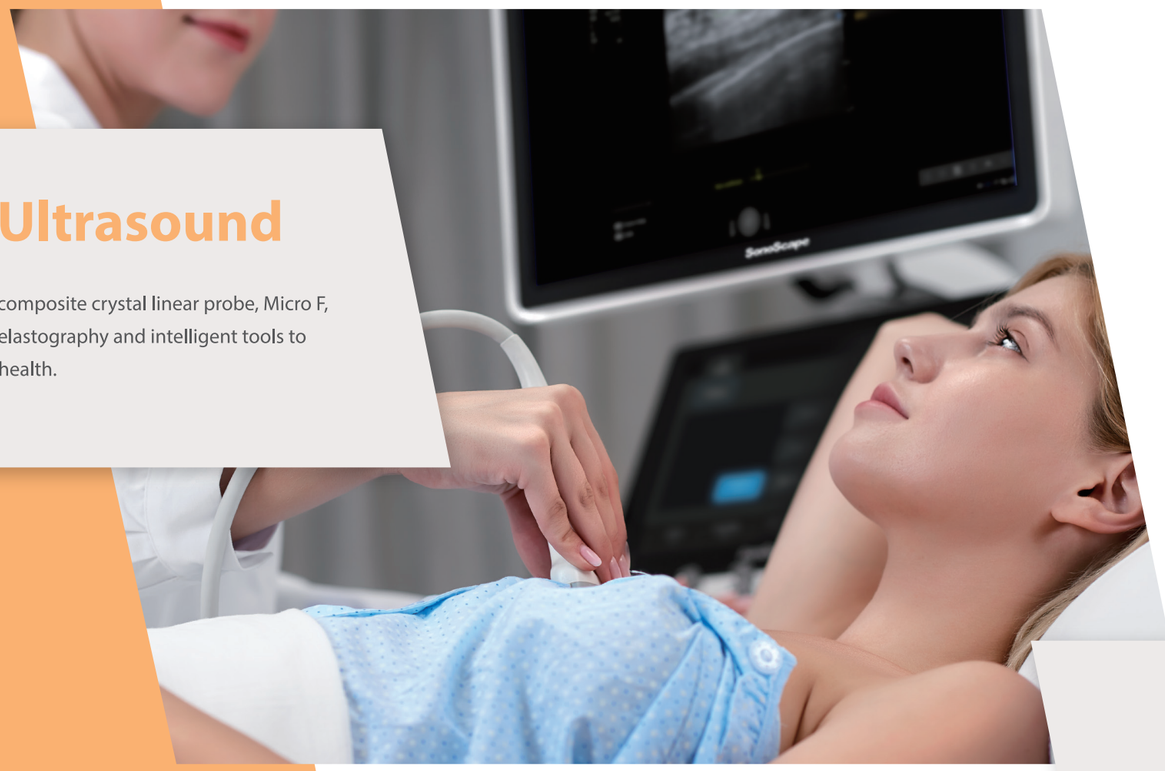
Anterior Compartment with S-Pelvic

Pelvic Floor Ultrasound

Multiple delicate endocavity and volumetric probes provide extraordinary image quality in no matter 2D or 3D/4D modes. P60 Exp is committed to make a difference in the application of pelvic floor ultrasound with fast, real-time volumetric data acquisition and AI based measurement package.

S-Pelvic *

S-Pelvic is an advanced tool designed to reinvent the way clinicians evaluate Pelvic Floor Dysfunction (PFD). Due to highly intelligent capabilities, full automation of pelvic floor anatomy recognition, trace and measurement for auto anterior compartment evaluation in 2D and auto levator hiatus evaluation in 3D/4D are now available, and can be achieved by one click.



Breast Ultrasound

P60 Exp comes with composite crystal linear probe, Micro F, panoramic imaging, elastography and intelligent tools to fully evaluate breast health.

Micro F

Micro F enables visualization for micro-vascularized structures. By adopting an advanced adaptive filter and accumulating temporal and spatial signals, Micro F can distinguish minute flow from overlaying tissue movement effectively, and depict hemodynamic with higher sensitivity and spatial resolution.

S-Breast *

By simply setting ROI frame on a suspicious lesion, S-Breast helps to outline the lesion border and report the classification of suspicious breast lesions according to BI-RADS (Breast Imaging-Reporting and Data System) standard. The simplified workflow can both improve efficiency and provide standardized reporting on the classification of benign and malignant masses.

Breast Leison , 12L-A

Breast Tumor with SR-Flow

Breast Classification with S-Breast

Neonatal Care

P60 Exp can perfectly satisfy the neonatal exam requirements for different important organs with the availability of high frequency phased array, linear, convex and micro convex probes as well as highly sensitive color imaging capability.

Neonatal Hepatic Hemangioma with SR-Flow

Neonatal conus medullaris with µ-Scan

Neonatal Heart, 7P-A

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Compact yet Potent Design

The design of P60 Exp stresses simplicity and compactness but makes no compromise to powerful performance. Height adjustable and lateral rotatable panel and an articulating monitor arm can basically satisfy any requirements under different scanning conditions.

1 24-inch LED Monitor (*optional):

P60 features a large size 24-inch high definition LED monitor, providing undistorted image display from different viewing angles to users.

2 13.3-inch Tilting Touch Screen

13.3-inch touch screen allows users to browse and select functions with ease. A tilting design works for adjustment in terms of users' needs.

3 Gel Warmer

To ensure a comfortable patient experience, a gel warmer is available to be installed on the side of the control panel.

4 Built-in Battery

A built-in battery supports P60 to work for 2 hours without power supply, leaving users no worry about accidental pause and data loss due to power outage.

5 User-friendly Layout

Unique console design provides easy access to all kinds of common-used operation. Shortcut and customizable keys make it possible for users to tailor the workflow at their convenience.

6 Sono-Drop

Sono-Drop allows wireless connection between P60 Exp and smart phones where ultrasound images can be shared to patients and their families.

Easy yet Clever Workflow

It is our commitment to make the user interaction with ultrasound as delightful and easy as possible through an ingenious design and diverse automation tools. P60 is exactly a combination of both and enhances efficiency greatly by reducing keystrokes.

Auto button

- One-button Optimization: Auto works as a shortcut key that helps to adjust important imaging parameters and optimize image display automatically. It is available under B mode, CFM mode and PW mode.
- Customization: Auto is available for user-defined activation of AI-featured functions (S-Fetus, S-Breast, S-Pelvic), and therefore users won't be bothered searching on the touch screen.

Smart tools

Smart measurement and analysis tool package on P60 makes every exam more consistent, accurate and faster in different applications.

Auto OB

Less keystroke required while achieving more sensitive and advanced automated common fetal biometry.

Auto Face

Intelligent reconstruction and visualization of 3D fetal face anatomy to increase diagnostic confidence for fetal facial defects.

AVC-Follicle

Automatic follicle recognition and measurement with color coded rendering.

S-Guide

Real-time reminder and record for different standard plane in OB.