

# Canon

**Aplio™**  
*Platinum Series*

**High-Performance Versatility**



# Innovation at a Glance

## MORE CLINICAL DETAIL

- New settings in the Precision technology package provide enhanced border delineation and better gray scale resolution for increased clinical detail visualization and confidence
- Enhanced robustness and 3D imaging added to SMI to expand the range of visible blood flow and provide visualization of low velocity microvascular flow
- Enhanced Shear Wave Elastography package. Non-invasive, quantitative assessment of tissue stiffness for a confident diagnosis with Canon Medical Systems' exclusive Propagation and Variance Maps including new 3D capability

## NEW DIAGNOSTIC TOOLS

- Freehand 3D imaging with standard linear and convex transducers
- Further extensions of interventional toolset
- New premium transducers with high clinical utility

## FASTER AND MORE EFFICIENT

- Enhanced work list management, faster access to patient data
- Comprehensive on-board reporting facilities and networking capabilities
- Choice of dual display modes for improved imaging efficiency

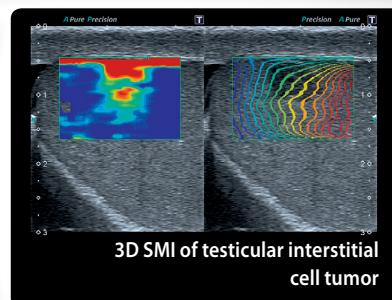
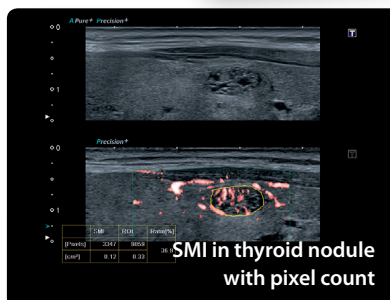
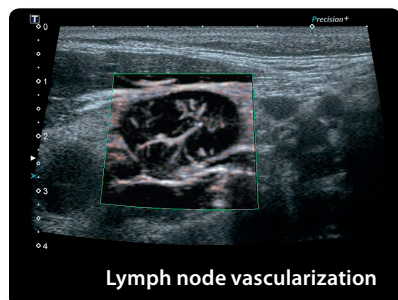
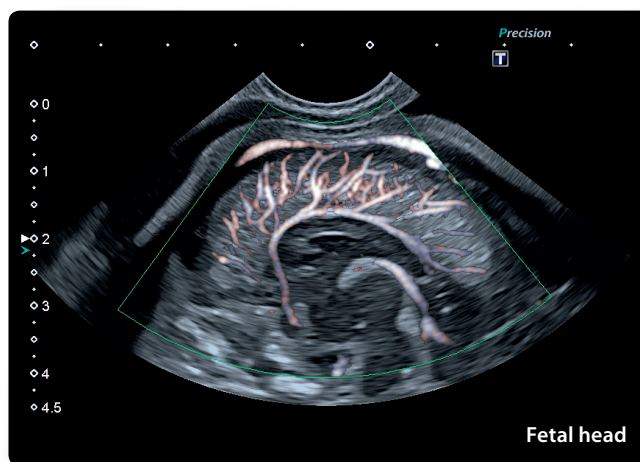


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Platinum Series

# Superb Micro-Vascular Imaging (SMI)

## SEEING THE UNSEEN

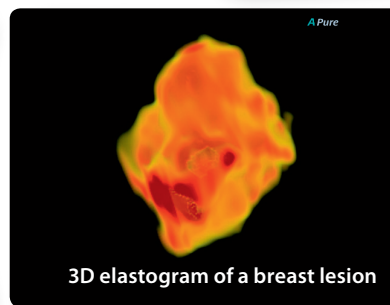
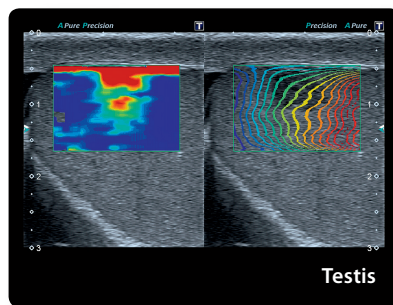
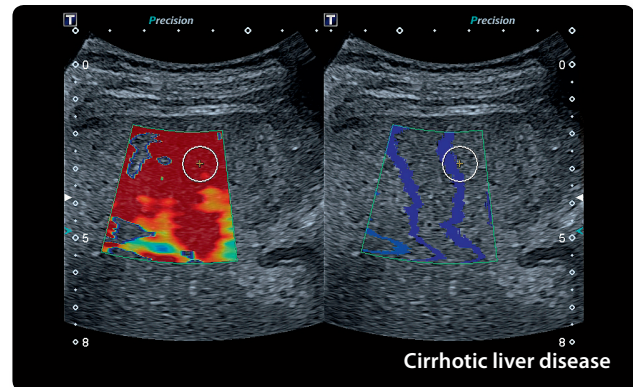
- Enhanced imaging robustness for faster results
- Volumetric SMI imaging with Smart 3D
- SMI now also available on Aplio 300



# Shear Wave Elastography (SWE)

## REPRODUCIBLE RESULTS, INTUITIVELY VISUALIZED

- Further extension of compatible transducer range for endocavitary applications
- TwinView™ now available in Smart Maps to help with assessment of the liver stiffness
- Combination with Smart 3D allows for volumetric elastography imaging
- Enhanced worksheet for easier quantification



Worksheet with quantitative measurements

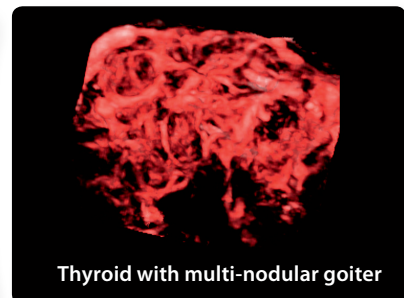
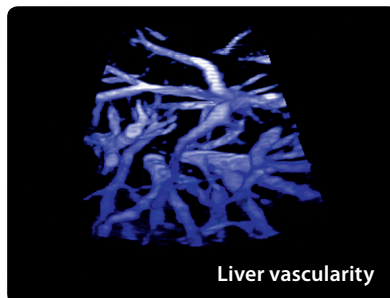
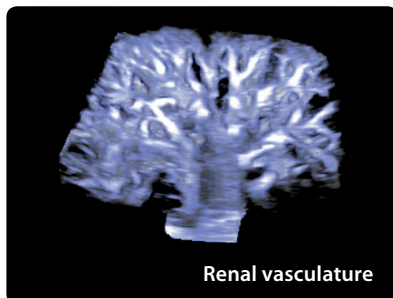
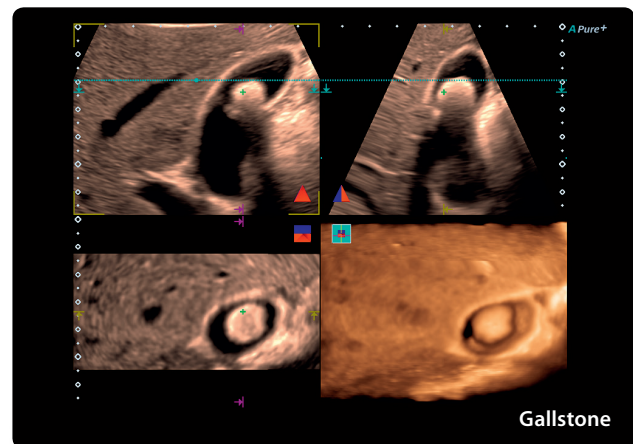
	Speed(m/s)		Elasticity(kPa)		Depth(m)
	Average	SD	Average	SD	
1	1.54	0.07	7.0	0.6	3.1
2	1.55	0.09	7.4	0.8	3.0
3	1.56	0.10	7.2	0.9	3.3
4	1.43	0.11	6.0	1.0	3.5
5	1.55	0.06	7.1	0.6	3.2
6	1.44	0.09	6.3	0.8	3.0
7	1.22	0.14	4.4	1.0	3.4
8	1.51	0.14	6.8	1.3	3.3
9	1.55	0.10	6.7	0.8	3.4
10	1.43	0.11	6.0	0.9	3.3
Mean	1.46		6.5		
SD	0.10		0.8		
Median	1.51		6.5		
ICR	0.12		1.1		

# Smart 3D Imaging

## VOLUMETRIC IMAGING MADE EASY AND EFFICIENT

- Fast and easy acquisition of high-quality 3D volumes
- Compatible with standard linear and convex transducers\*
- Supporting multiple modes including B/W, Color, Power Doppler, ADF, SMI, CEUS and SWE

\*excluding endocavitary and 4D transducers

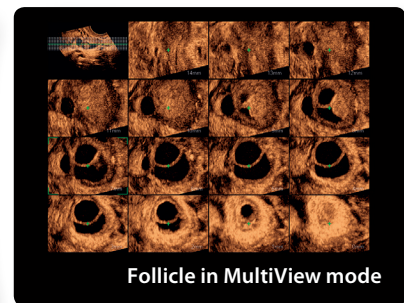


# New Premium Transducers for Enhanced Clinical Detail and Utility

## **PVT-681MVL** Volumetric Endocavitary Transducer

### **LIGHTWEIGHT PERFORMANCE**

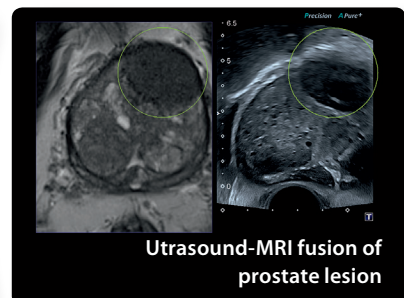
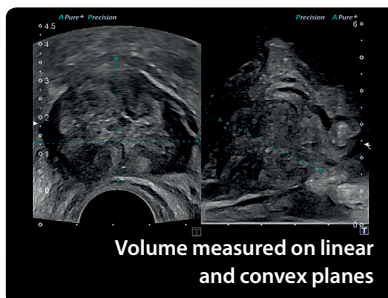
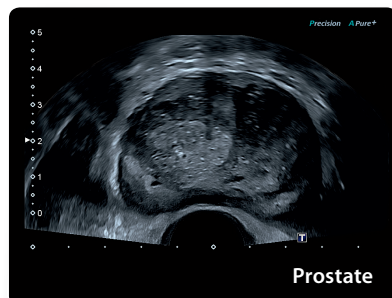
- Ultrawideband transducer with enhanced Precision technology
- Extra-wide field of view with 180° scan angle and 150° sweep angle
- High frame rate imaging with spot-zoom and HD-zoom in 2D, 3D and 4D modes
- Advanced imaging including CEUS, elastography and SMI



## **PVL-715RST** Bi-Plane Endocavitary Transducer

### **HIGH PERFORMANCE, ENHANCED VERSATILITY**

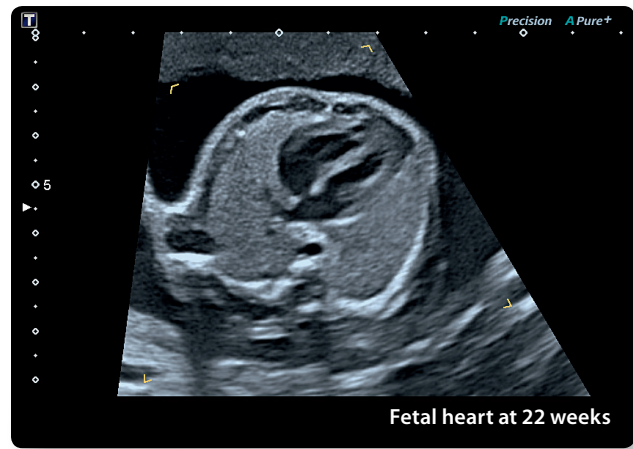
- Bi-plane linear/convex transducer for transperineal prostate biopsy
- Ultrawideband transducer with enhanced Precision technology and SMI
- 170° (convex) and 56 mm (linear) wide field of view
- Advanced imaging capability including CEUS, SMI and Smart Fusion



Precision<sup>+</sup>

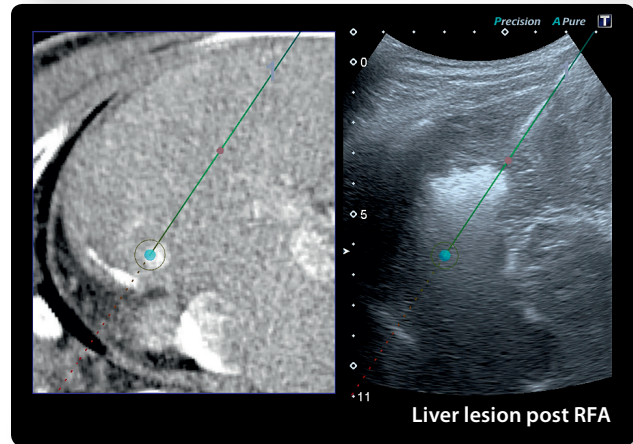
# Precision Imaging

- Additional settings to further increase clinical confidence
- Improved grey scale resolution
- Further enhanced border delineation



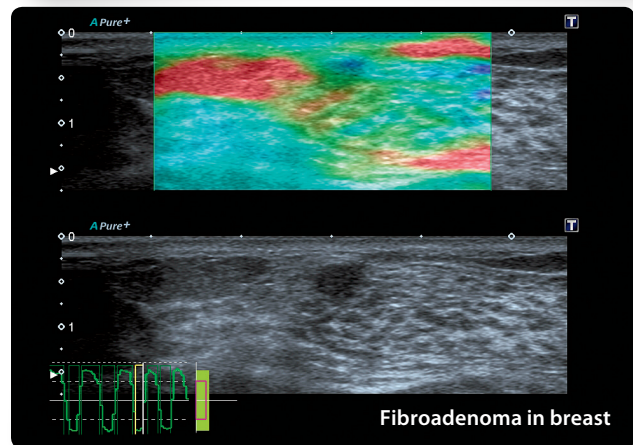
# Smart Fusion

- Further extension of compatible transducer range for endocavitary applications
- New bilateral display of needle markers on both the reference and live ultrasound images
- Optimized workflow and productivity



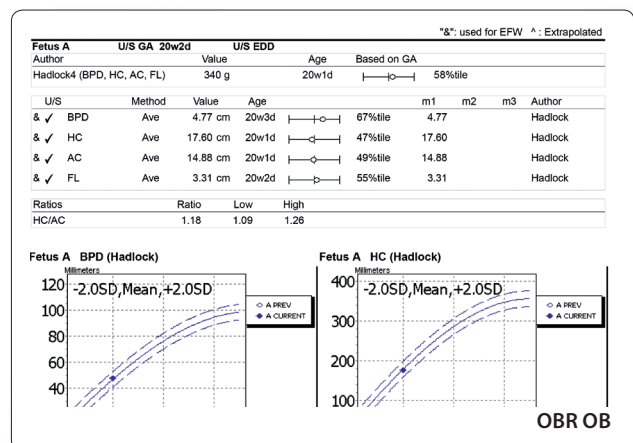
# Vertical Dual Display

- Increasing clinical efficiency in MSK and small parts assessment
- Direct comparison of two images with wider field of view
- Improved imaging efficiency for small parts and MSK examinations
- Supporting multiple imaging modes including Color and Power Doppler, SMI and SWE
- Available in live and playback modes



# Workflow Enhancements

- Improved work list management
- Easy template customization including auto fill and default finding features
- OB reporting now including user-defined measurements and percentile graphs
- Enhanced compatibility with standalone OB reporting solutions



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2441 Michelle Drive, Tustin CA 92780 | 800.421.1968

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