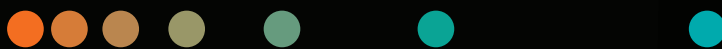


Siemens Healthineers

# Expand your veterinary services.

With a trusted partner in Veterinary Diagnostic Imaging and Pathology solutions.

[siemens-healthineers.com/gr/veterinary-solutions](https://siemens-healthineers.com/gr/veterinary-solutions)



**SIEMENS**  
Healthineers

# Speciality Portfolio



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With over 125 years of medical imaging experience, Siemens Healthineers is a true leader in diagnostic imaging, pathology, and innovation.

Our proven technologies include low-dose CT, market-leading MRI, and state-of-the-art Ultrasound, enabling you to deliver best-in-class veterinary services.

SOMATOM go.Up

Improve the delivery of care for your patients



**Improve the delivery of care for your patients.**  
Broaden diagnostic possibilities and services in your veterinary practice with the SOMATOM go.Up. Our trusted scanner comes with our unique Mobile Workflow which allows you to stay with your patients for longer and provide closer care. Benefit from AI-powered scan automation and innovations from our high-end CT fleet. Provide high-quality advanced diagnostic imaging for creatures large and small. With the SOMATOM go.Up, you can customise workflows for each clinical indication and enhance patient care without compromising image quality for any member of the family.

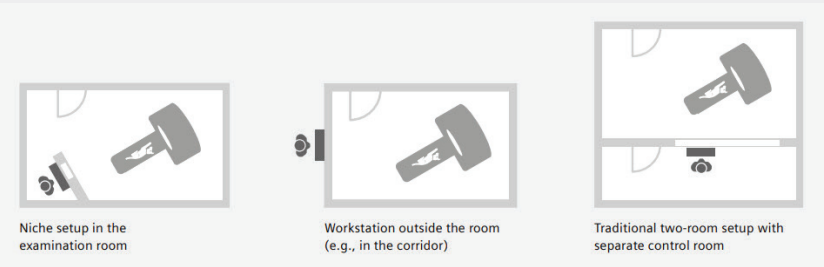
Technical specifications

|                 |   |
|-----------------|---|
| Slices          | 64  |
| Rotation times  | up to 0.8 s   |
| Tube            | 3.5 MHU (8.75 MHU equivalent value with SAFIRE)     |
| High voltage    | 80, 110, 130 kV                                     |
| mA              | up to 400 mA (1000 mA equivalent value with SAFIRE) |
| z-coverage      | 32 × 0.7 mm   |
| Max. table load | up to 307 kg  |

Minimum Requirements for Installation

|   |  |
|---|--|
| Minimum Room Size – PHS Vario 1 1600 mm scannable range | 5551 mm L × 3013 mm W × 2100 mm H<br>(preferred room size: 6651 mm L × 3613 mm W × 2400mm H)                               |
| Maximum Heat Load to Air                                | 5.2 kw max. (1.5 kW stand-by)<br>Humidity 40–60%   |
| Power Requirement                                       | 63 amp 3Phase + N + PE or 80 amp 3Phase + N + PE   |
| Installation Time                                       | Three days   |
| Weight  | 1,700 kg approx.   |
| Turnaround time for install                             | One week turn around for decommission and new installation.<br>Three day installation for new system into a prepared room. |

Flexible Room Layout



- Control scans remotely**  
Tablet and remote control
- Leave no patient unserved**  
Table holds up to 227 kg at a 160 cm scan range
- High throughput management**  
Chronon tube
- Excellent iodine contrast**  
High Power 80kV
- Excellent low-dose performance**  
Tin Filter
- Enhanced scan results with less dose**  
Stellar detector equipped with 3D anti-scatter collimator



SOMATOM go.Now

# Run a successful CT business



**Spend more time with your patient and less time operating the scanner.**

Expand your veterinary services with the cost effective and modern SOMATOM go.Now. The intelligent integration of hardware and software allows staff to spend more time with their patients and less time operating the scanner, maximising patient comfort and stability. Staff will benefit from the intuitive and user-friendly interface, and the AI-powered scan automations, making advanced imaging feel like routine. The SOMATOM go.Now provides enhanced image quality with reduced radiation dose, allowing you to deliver the best care for your furry friends.

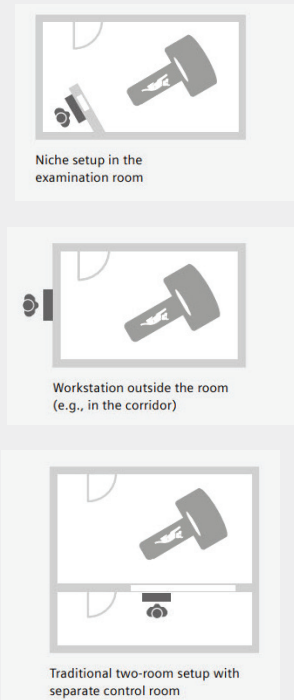
Technical specifications

|                 |   |
|-----------------|---|
| Slices          | 32  |
| Rotation times  | up to 0.8 s   |
| Tube            | 3.5 MHU (8.75 MHU equivalent value with SAFIRE)     |
| High voltage    | 80, 110, 130 kV                                     |
| mA              | up to 400 mA (1000 mA equivalent value with SAFIRE) |
| z-coverage      | 16 × 0.7 mm   |
| Max. table load | up to 227 kg  |

Minimum Requirements for Installation

|   |  |
|---|--|
| Minimum Room Size – PHS Vario 1 1600 mm scannable range | 4889 mm L × 2875 mm W × 2100 mm H<br>(preferred room size:<br>5989 mm L × 3475 mm W × 2400 mm H)                           |
| Maximum Heat Load to Air                                | 5.2 kw max. (1.5 kW stand-by) Humidity 40–60%  |
| Power Requirement                                       | 63 amp 3Phase + N + PE or 80 amp 3Phase + N + PE   |
| Installation Time                                       | Three days   |
| Weight  | 1,700 kg approx.   |
| Turnaround time for install                             | One week turn around for decommission and new installation.<br>Three day installation for new system into a prepared room. |

Flexible room layout



- Control scans remotely**  
Tablet and remote control
- Reduced workflows steps and increased patient safety**  
CARE Tilt technology
- Increased patient comfort**  
70 cm bore
- Cover full routine needs**  
Table holds up to 160 kg at a fully operation fixed height
- High throughput management**  
Chronon tube
- Excellent iodine contrast**  
High Power 80kV
- Excellent low-dose performance**  
Tin Filter
- Enhanced scan results with less dose**  
Stellar detector equipped with 3D anti-scatter collimator



# SOMATOM go.Up – Spine Imaging

French Bulldog with notable Butterfly Vertebrae (Hemivertebra).

SOMATOM go.Up  
Full Spine

130kV  
Scan Length: 399.5mm

CTDIvol: 9.12 mGy  
DLP: 434 mGy cm



Images Courtesy of Animal Referral Hospital, Brisbane, Australia

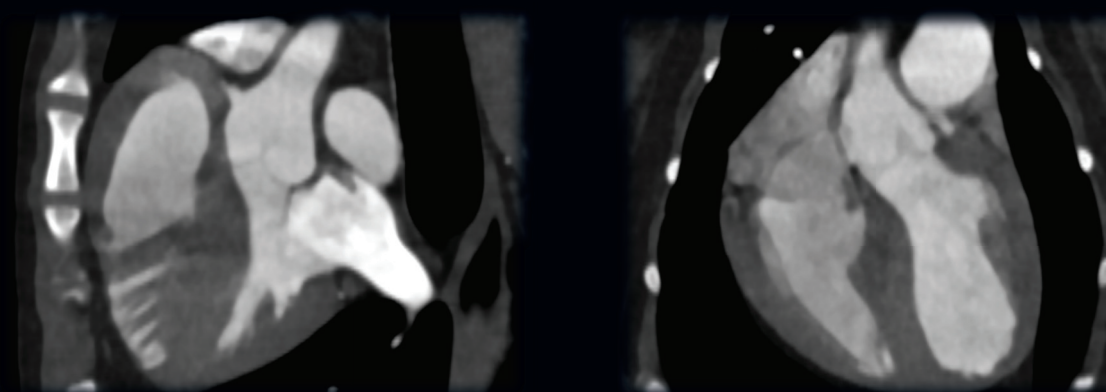
# ECG Gated Cardiac Angiography

Enhance anatomical and morphological visualisation of cardiac and vascular structures.



SOMATOM go.Up  
Veterinary CT

kV: 110  
Scan Length: 31.6 cm  
Scan time: 39 s



1mm MPRs

Images Courtesy of Animal Referral Hospital, Brisbane, Australia

# Feline CT Head

Sn130kV for greater skull penetration in CT Head Imaging.  
Clear assessment of soft tissue and bone anatomy.

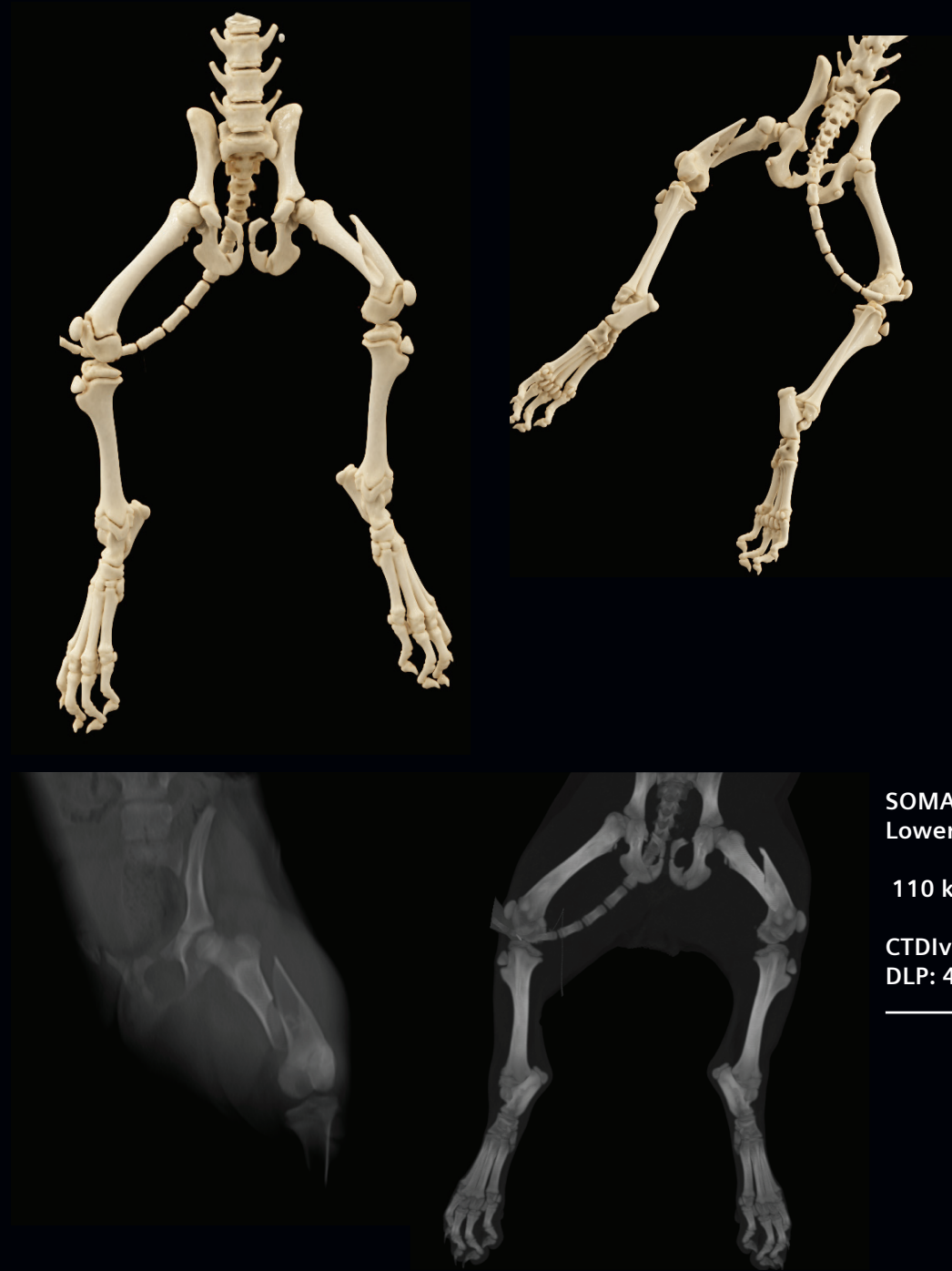


Sn130kV  
DLP: 154  
Scan Length: 150mm

Images Courtesy of Animal Referral Hospital, Brisbane, Australia

# Orthopaedic Low Dose Scanning

Low dose orthopaedic CT imaging post car strike, clearly assess limb fracture.



SOMATOM go.Up  
Lower Limbs CT  
  
110 kV  
  
CTDIvol: 1.14 mGy  
DLP: 47 mGy cm

Images Courtesy of Animal Referral Hospital, Brisbane, Australia

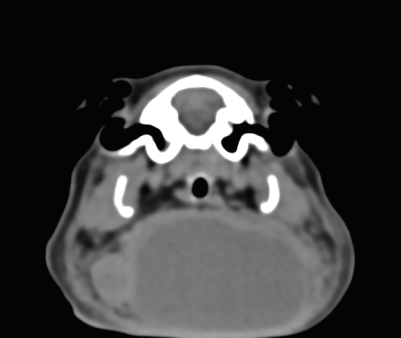


# Exotic Animal Imaging

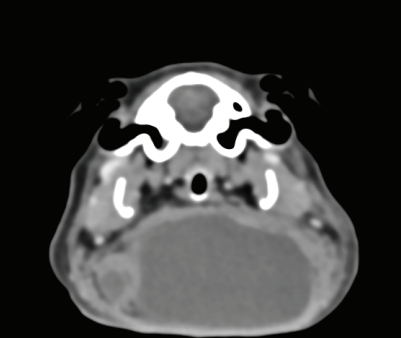
Guinea Pig  
Identify and Quantify Lesions.

SOMATOM go.Up  
Lower Limbs

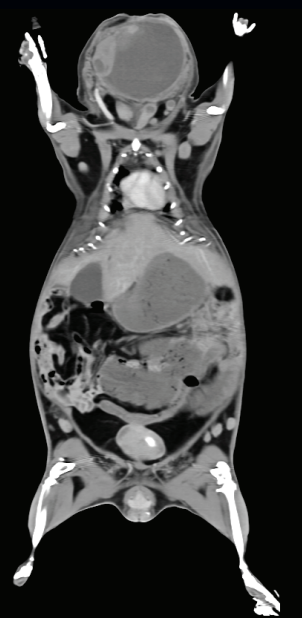
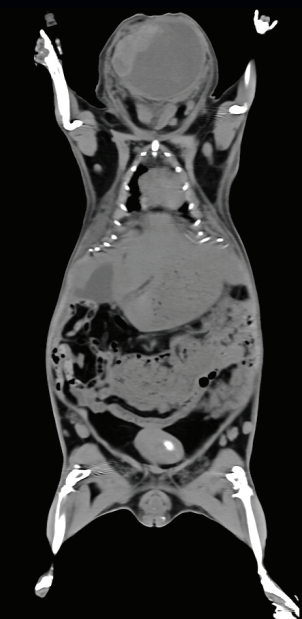
110 kV  
CTDIvol: 1.14 mGy  
DLP: 47 mGy cm



1mm MPR  
Non Contrast



1mm MPR  
Post Contrast



Pre & Post Contrast  
Examination

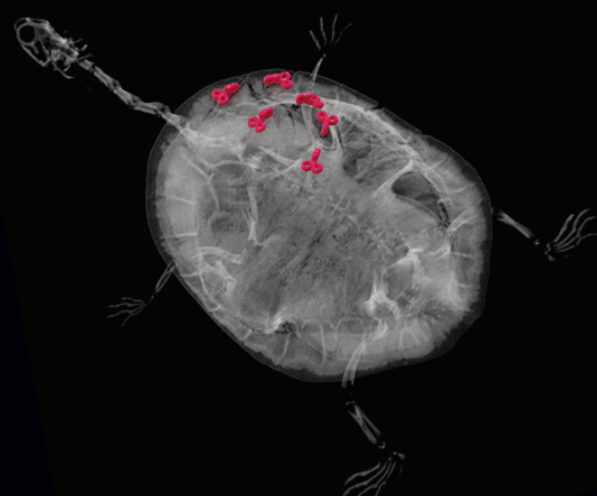
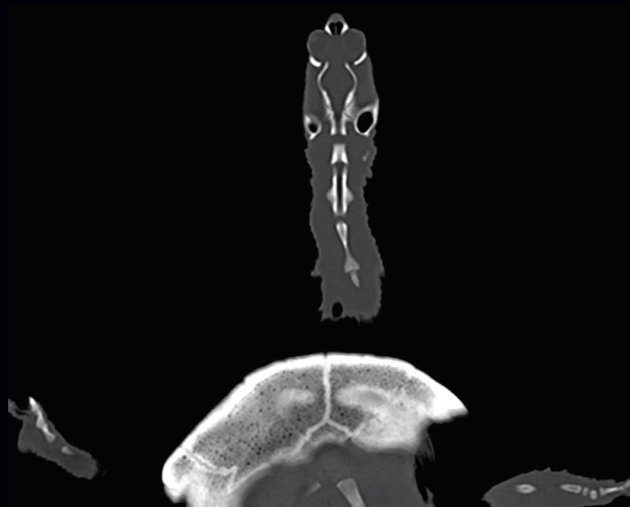
Images Courtesy of Animal Referral Hospital, Brisbane, Australia

# Exotic Animal Imaging

Freshwater Turtle with Shell Injury  
Visualise Bone and Soft Tissue Detail.

SOMATOM go.Up  
Veterinary CT

kV: 110  
Scan Length: 31.6 cm  
Scan time: 39 s



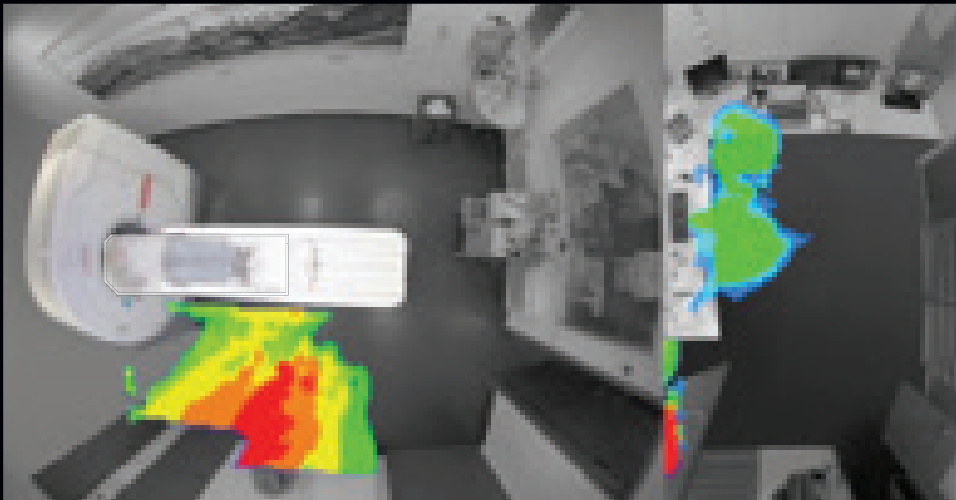
Images Courtesy of Animal Referral Hospital, Brisbane, Australia



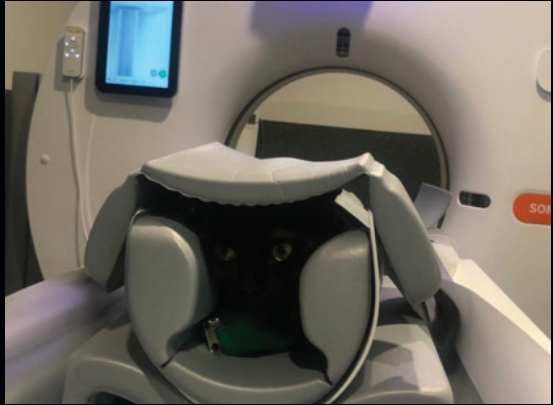
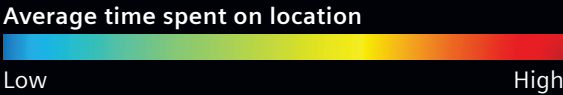
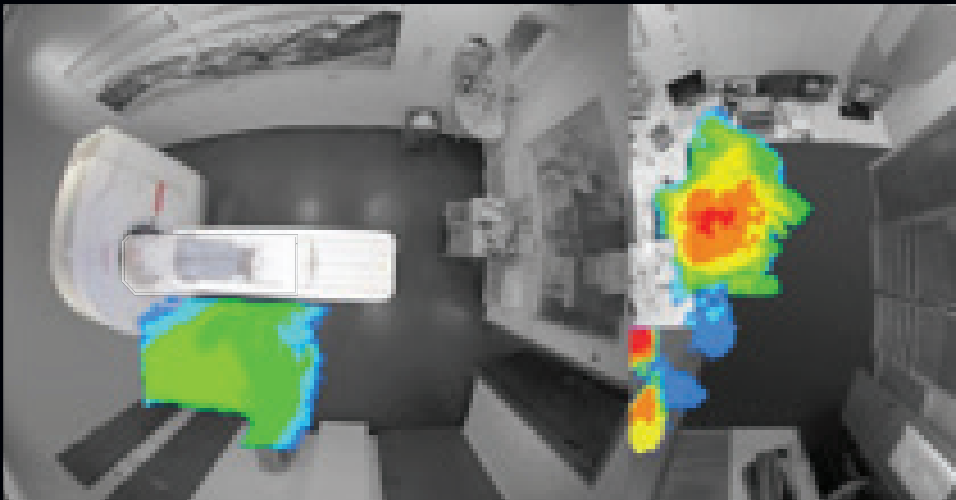
Stay close to your patient. Proven.

# Mobile Workflow

Standard workflow



Mobile workflow



- User experience enhanced with
- Quiet operating system.
  - Smooth table movements.
  - Dimmable mood lights.
  - Comfortable and supportive positioning aids.

## iMAR

### Iterative Metal Artefact Reduction



Metal implants cause bright streaking artefacts that can significantly impair image quality.



Artefacts in head and neck and hip areas often limit the soft tissue contrast.



Orthopaedic prosthetics and dental fillings cause increased image artefacts.

Image Courtesy of Queensland Veterinary Specialists

MAGNETOM Free.Star  
MRI for all

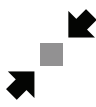







The 60cm bore MAGNETOM Free.Star veterinary MRI system with animal conforming coils innovates with simplicity thanks to the extensive use of AI workflows and offers comprehensive MRI imaging capabilities for all your veterinary imaging needs. Installation and siting is simplified. The MAGNETOM Free.Star is light weight and compact featuring DryCool technology requiring only 0.7l of liquid helium and no requirement for a quench pipe. This unique 0.55 Tesla system uses the latest in Deep Learning technology to rival higher field strength scanners for image quality and speed of imaging, ensuring minimal anesthesia time for the veterinary patient. The brand new MAGNETOM Free.Star has a great Total Cost Ownership enabling more Veterinary practices the opportunity to have access to this important diagnostic tool.

Technical specifications

|  |  |
|--|--|
| Field Strength   | 0.55 Tesla   |
| Bore Size  | 60 cm  |
| Magnet Length<br>(system length including covers)                                  | 165 cm   |
| System Weight<br>(in operation)  | <3.2 tons  |
| Minimum room size  | 24 m²  |
| Maximum number of channels (coil elements)<br>that can be connected simultaneously | 51   |
| Number of independent receiver channels<br>that can be used simultaneously         | 24   |
| Gradients  | B60 Gradients<br>Max. gradient amplitude - 26 mT/m¹<br>Max. performance amplitude - 45 mT/m²<br>Max. slew rate - 45 T/m/s¹<br>Max. performance slew rate - 78 T/m/s² |
| Helium Consumption   | 0.7l Zero helium boil off technology   |



- **Our most compact MRI**  
The smallest and lightest MRI requiring only 24 m² to site.
- **Applications for all body regions**  
Protocols included for Neuro, MSK, Body and Oncology.
- **User Friendly Operator Platform**  
New windows based user Interface.
- **DryCool magnet technology**  
Sealed for life with only 0.7l of helium.
- **New Contour coil portfolio**  
Blanket-like coils for comfort, flexibility and ease of use.
- **Redefining MR Affordability**  
The cost-effective platform for increased MRI accessibility

MAGNETOM Free.Max

Breaking barriers








With the largest bore size of any scanner in the market at 80cm, the 0.55 Tesla MAGNETOM Free.Max veterinary system allows the comfortable scanning of all veterinary patients. The MAGNETOM Free.Max veterinary MRI system shares the same innovative technology as the MAGNETOM Free.Star but with the added advantage of an 80cm bore. Like the MAGNETOM Free.Star, installation and siting is simplified. The MAGNETOM Free.Max is light weight and compact featuring DryCool technology requiring only 0.7l of liquid helium and no requirement for a quench pipe.

Technical specifications

|  |  |
|--|--|
| Field Strength   | 0.55 Tesla   |
| Bore Size  | 80 cm  |
| Magnet Length<br>(system length including covers)                          | 165 cm   |
| System Weight<br>(in operation)  | <3.2 tons  |
| Minimum room size  | 24 m²  |
| Maximum number of channels   | 51   |
| Number of independent receiver channels<br>that can be used simultaneously | 24   |
| Gradients  | B80 Gradients<br>Max. gradient amplitude - 26 mT/m¹<br>Max. performance amplitude - 45 mT/m²<br>Max. slew rate - 45 T/m/s¹<br>Max. performance slew rate - 78 T/m/s² |
| Helium Consumption   | 0.7l Zero helium boil off technology   |

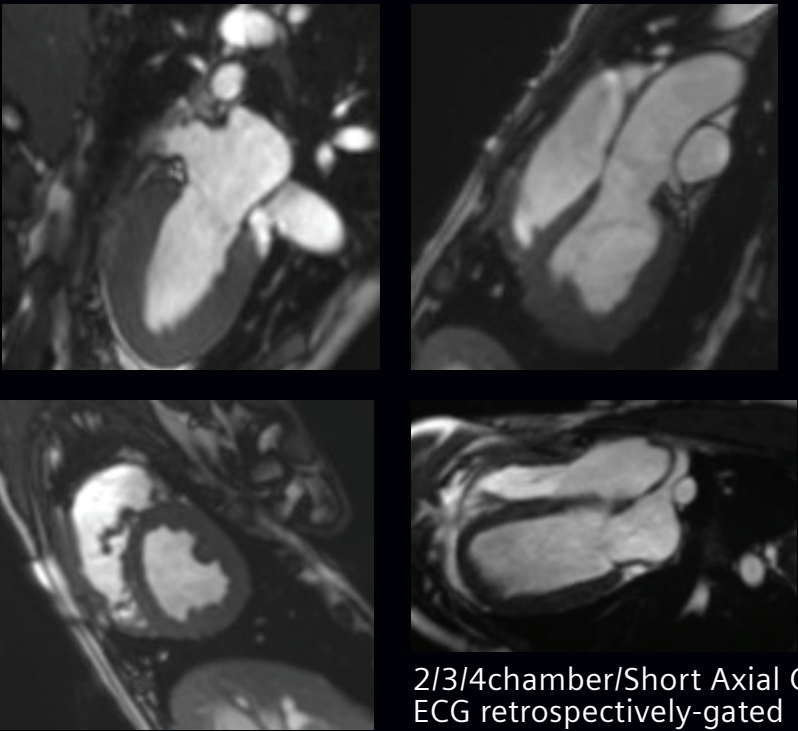


-  **Our most compact MRI**  
The smallest and lightest MRI requiring only 24 m² to site.
-  **Applications for all body regions**  
Protocols included for Neuro, MSK, Body and Oncology.
-  **User Friendly Operator Platform**  
New windows based user Interface.
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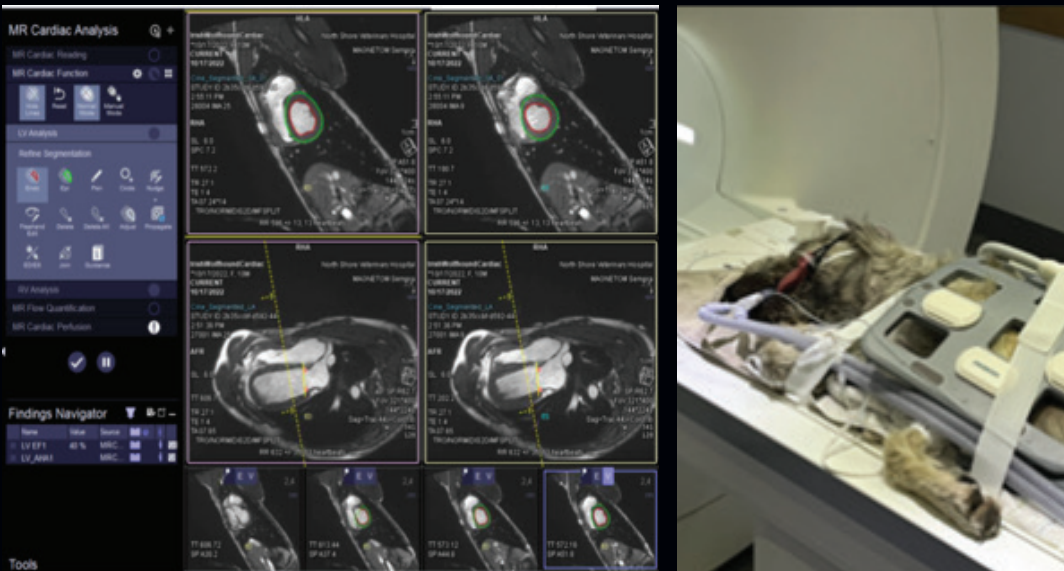


# MAGNETOM Cardiac Imaging

Irish Wolf Hound

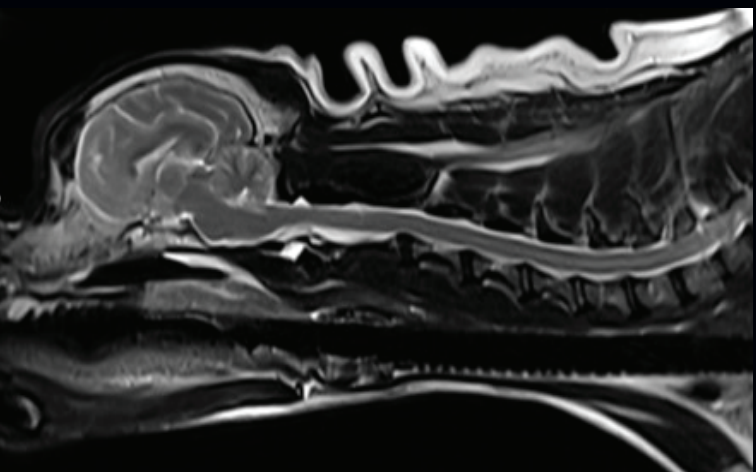


2/3/4chamber/Short Axial Cine  
ECG retrospectively-gated

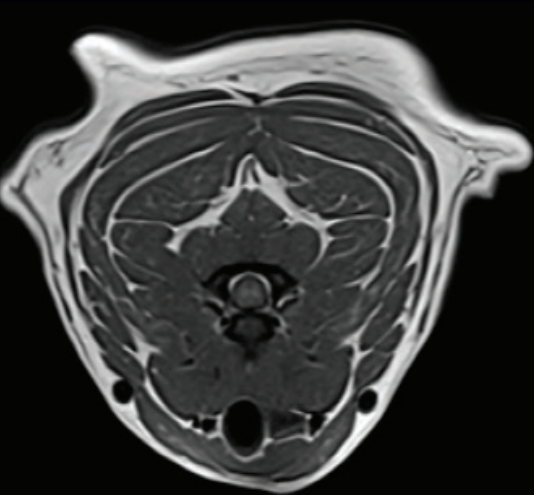


# MAGNETOM Free.Max

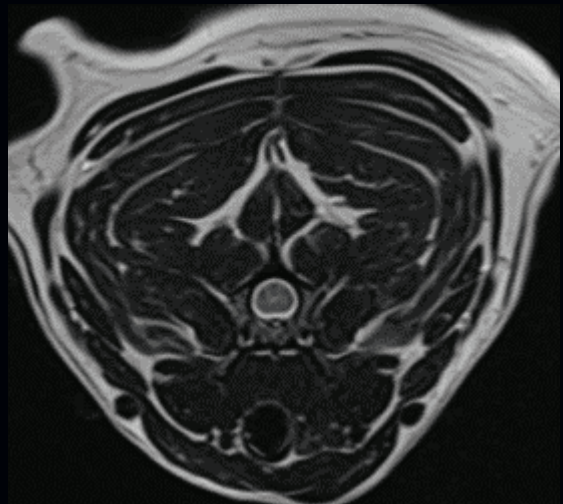
Canine MRI Brain 14kg.



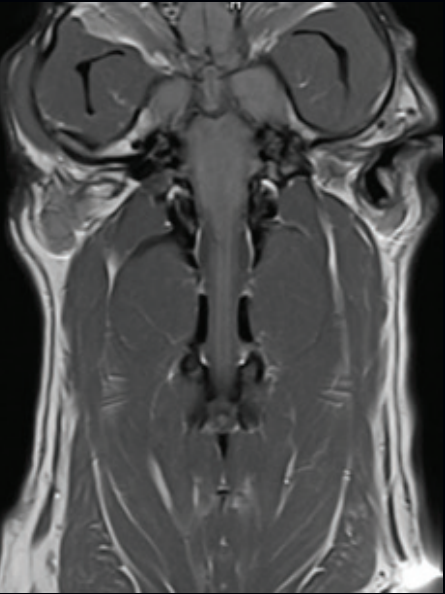
C-spine Sagittal Contour coil 2mm



T1 Transversal C-spine Contour  
coil 2mm



T2 Transversal C-spine Contour  
coil 2mm



T1 Dorsal 2mm C-spine

Images courtesy of North Shore Veterinary Hospital, Sydney Australia

Images courtesy of Clinique veterinaire du cedre, Epron France

IMMULITE® 2000 XPi

A trusted partner  
in veterinary testing

Consolidate multispecies testing with one  
of the industry’s most reliable solutions.



The IMMULITE® 2000 XPi Immunoassay System combines speciality veterinary testing (Canine TLI, Canine Total T4, Canine TSH, Vet Cortisol, Vet FT4) with routine immunoassay testing\*. It features a wide-ranging menu, along with advanced software and hardware, to handle nearly all the immunoassay testing challenges that laboratories face. The IMMULITE® 2000 XPi system is a continuous, random-access analyser with a throughput of up to 2000 tests per hour. Its proven reliability and software simplification allows laboratories to maximise their testing capacity.



5 immunoassays  
specifically for  
veterinary

- Veterinary Free T4
- Canine Total T4
- Canine TSH
- Veterinary Cortisol
- Canine TLI



High quality assays

- Same quality assay standards as for human assays
- Wide measuring ranges minimise repeats and dilutions
- 90 day on-board reagent stability



Workflow automation

- 24 on-board reagent positions
- Accommodates unique tube type and small sample volumes
- Assay turn-around-times that meet lab workflow needs

Assay characteristics

| Assay                            | Canine TLI     | Canine Total T4                | Canine TSH    | Vet Cortisol                   | Vet Free T4  |
|----------------------------------|----------------|--------------------------------|---------------|--------------------------------|--|
| Specimen Type                    | Serum          | Serum                          | Serum         | Serum                          | Serum  |
| Sample Volume (µL)               | 20             | 20                             | 25            | 10                             | 10   |
| Time to First Result (min)       | 35             | 35                             | 65            | 35                             | 35   |
| Measuring Interval               | Up to 50 ng/mL | 0.5–15 µg/dL<br>6.4–193 nmol/L | 0.03–12 ng/mL | 1.0–50 µg/dL<br>28–1380 nmol/L | 0.3–6.0 ng/dL<br>3.9–77.2 pmol/L   |
| Analytic Sensitivity             | 0.3 ng/mL      | 0.12 µg/dL<br>1.5 nmol/L       | 0.01 ng/mL    | –                              | LoB: 0.04 ng/dL<br>0.51 pmol/L<br>LoD: 0.10 ng/dL<br>1.29 pmol/L<br>FS: 0.25 ng/dL<br>3.2 pmol/L |
| Reagent Onboard Stability (days) | 90             | 90                             | 90            | 90                             | 90   |
| Calibration Interval (days)      | 14             | 14                             | 14            | 28                             | 14   |

Dimensions 182.88 (H) × 160.02 (W) × 91.44 (D) cm  
72 (H) × 63 (W) × 36 (D) inches (including monitor)

\* Siemens Healthineers validates assays according to the respective instruction for use claims. Therefore, veterinary laboratories are required to self-validate assays intended for human use if they are to be used to analyse animal samples.



ACUSON P500 Ultrasound System

Ultrasound Anytime,  
Anywhere



The ACUSON P500 enables reliable and fast imaging by offering new and pioneering high-end imaging technology. It provides standardised, high-quality images with more depth, clearer border definition and more tissue variation. The ACUSON P500, with its unmatched diagnostic and workflow solutions, enables you to work more efficiently, consistently and clearly with powerful applications that enable you to increase patient throughput.

System and Transducer Details

|   |   |
|---|---|
| Dimensions  | 40.2 cm (L) × 37.4 cm (H) × 7.15 cm (D) |
| Weight  | 7.2 kg                                  |
| Internal 180 GB SSD   |   |
| Quick boot (ready to scan in less than 30 seconds)  |   |
| Dual input devices: conventional control panel and touch screen   |   |
| Operate for approximately one hour on battery power under normal use conditions                                 |   |
| Clear protective control panel cover to support infection control   |   |
| Three active transducer ports that support high density phased array, curved array and linear array transducers |   |



Portable Ultrasound System

- State-of-the-art industrial design
- 15" infrared (IR) Touch Screen UI
- 512 GB Solid-State Drive
- WIN OS 10

15 Transducers

- CH5-2, Curved
- 11M3, Micro-convex
- L10-5v, Linear
- VF10-5, Linear
- VF13-5, Linear
- VF16-5, Linear
- 18H5, Linear
- P4-2, Phased
- P8-4, Phased
- 5VT, Vector
- EC9-4, Endocavity
- CW2/CW5
- AcuNav 8F/10F



General

- System weight: w/battery = 7.1 kg, 15.65 lbs w/out battery = 6.45 kg, 14.46 lbs
- Quick boot
- Soft carrying case

Connectivity

- LAN, WLAN
- 4 USB Ports
- On-board storage and review
- DICOM Storage, Modality Worklist, Structured Reporting (OB, Vascular)

Smart Cart

- Height adjustable
- Multi-transducer module (3 transducer ports)
- 4 transducer holders
- Adjustable modular storage



## ACUSON Juniper Ultrasound System

# Everything you need, nothing you don't.

No compromises on imaging performance



The ACUSON Juniper™ is a high-performance ultrasound system that can scan virtually every animal regardless of their size, weight, or condition, offering great diagnostic confidence. It offers powerful capabilities built into one of the smallest market footprints in class.



### 21.5" LED monitor

Highly adjustable for maximum operator adaptability



### 13.3" touch display

Smart UI for quicker scan settings and protocols



### Lightweight maneuverability

One of the easiest systems to maneuver, weighing only 76 kilos (168 pounds), and with both rear and front handles



90° right and left rotation allows the user the flexibility of choosing the transducer connectors position.



### Intuitive control panel

Customisable height, angle and keys and a customised disposable skin which keeps the control panel clean and sterile



### Purposeful cable management hooks

Several hooks available for a clean, cable free environment



### Every detail designed to maximise productivity

Multiple storage bins available as well as space for easy installation of peripherals



### Multiple transducer ports

Efficient workflow with 5 active transducer ports, 1 pencil cardiac port and 2 physio ports



### Quiet, stress-free environment

Bedroom-like sound level, 40% quieter than average systems in its class

Koi Fish

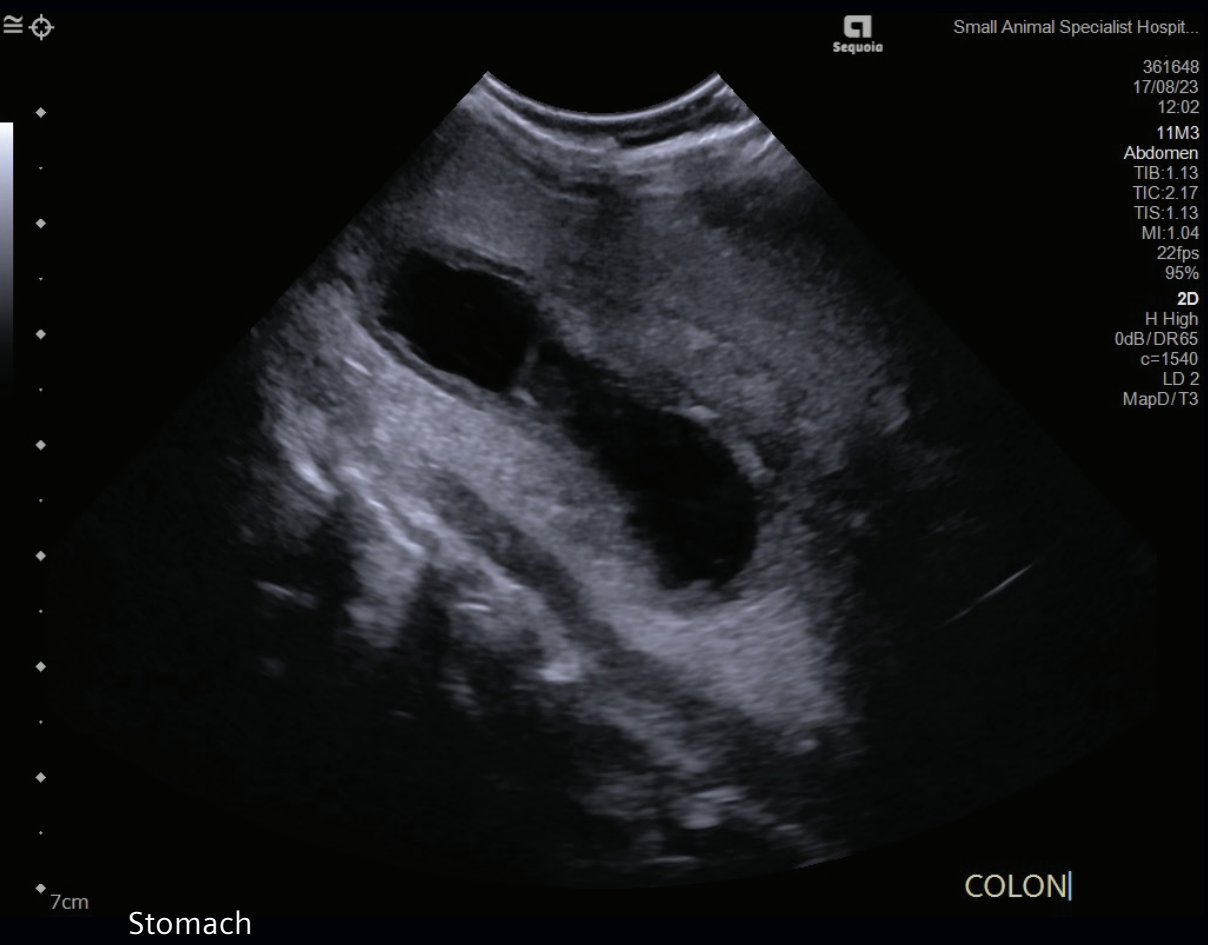
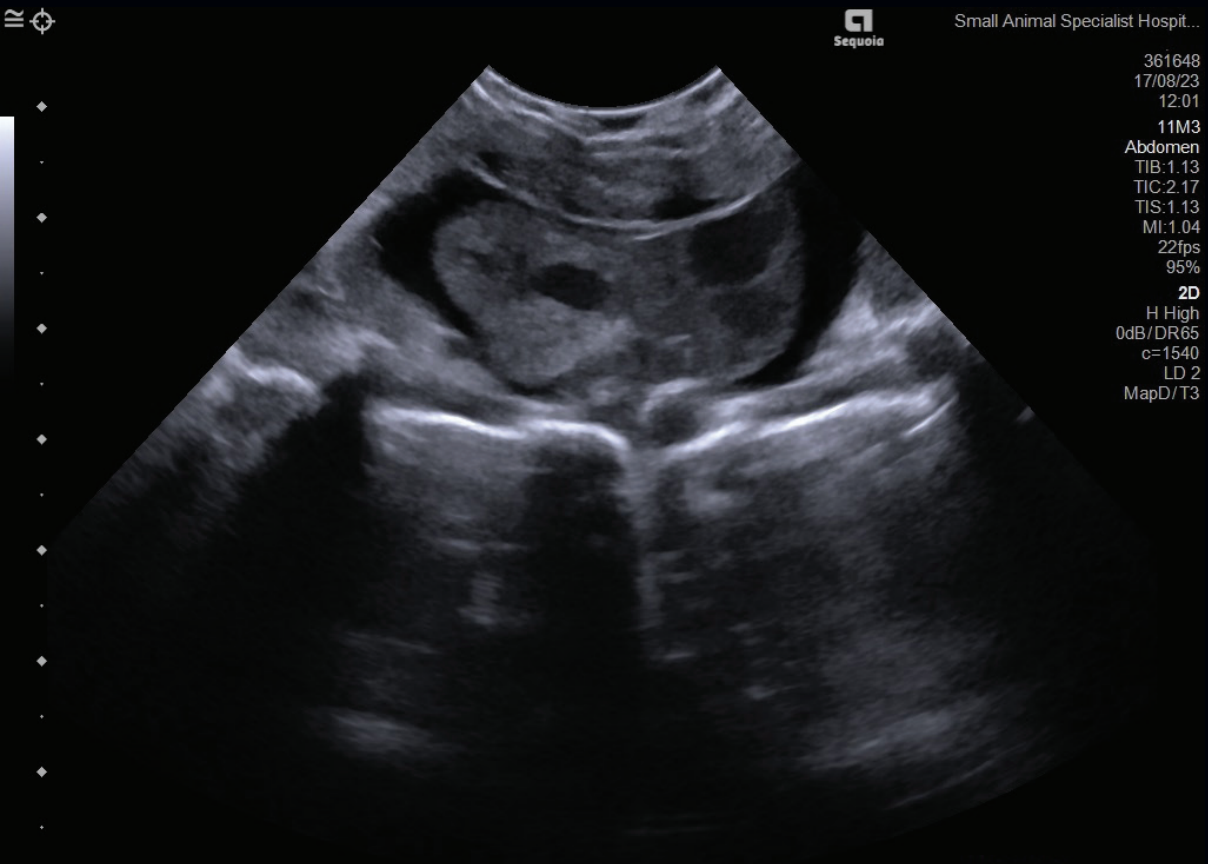
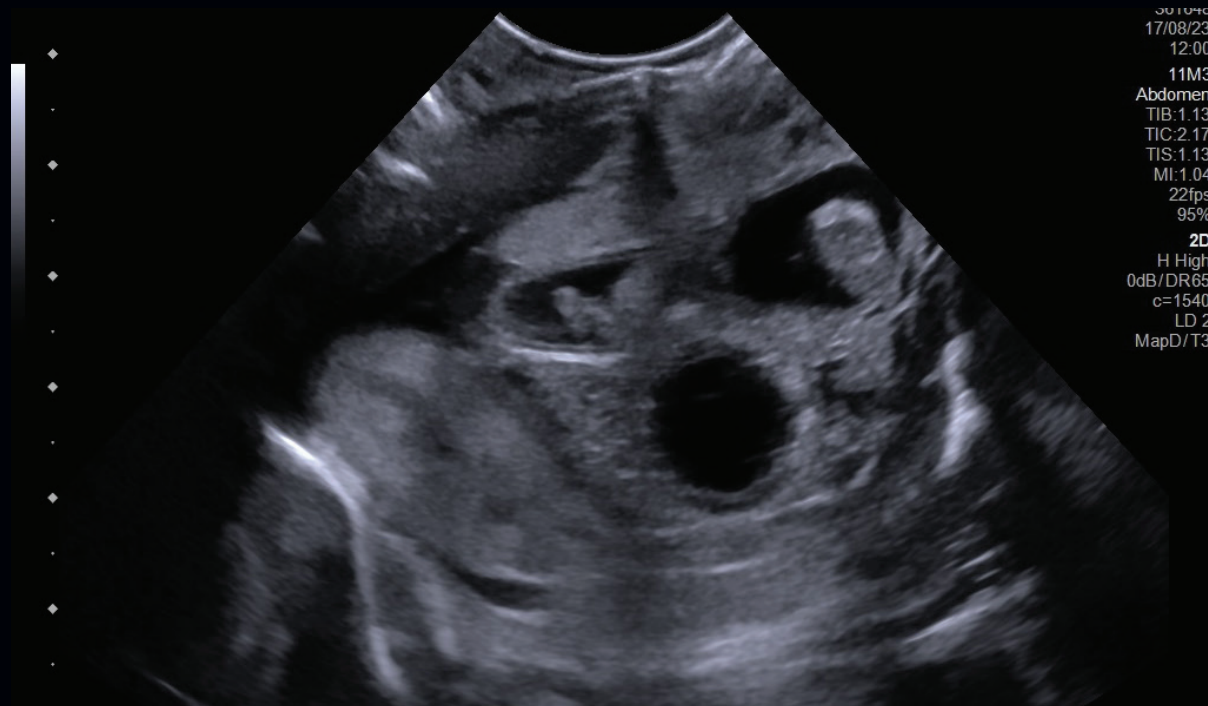
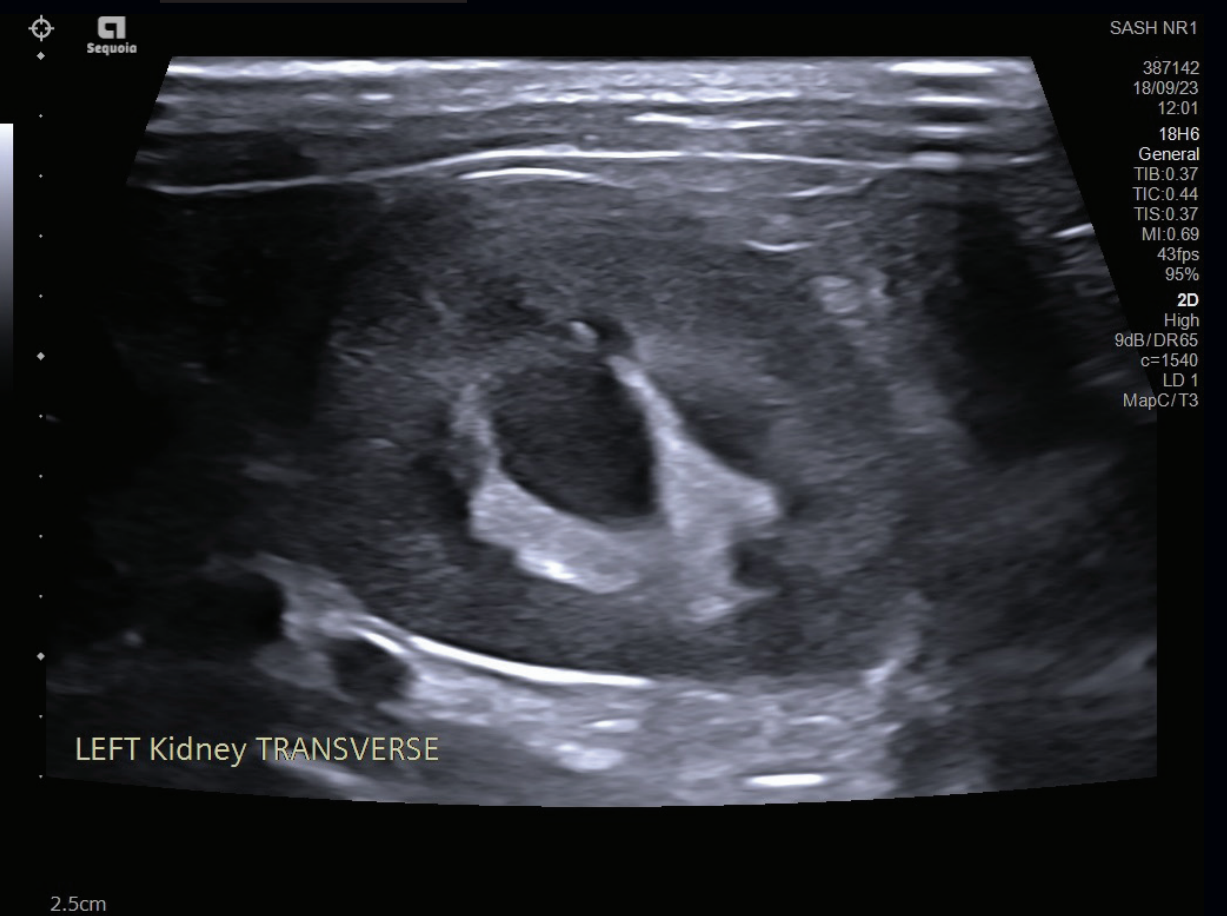
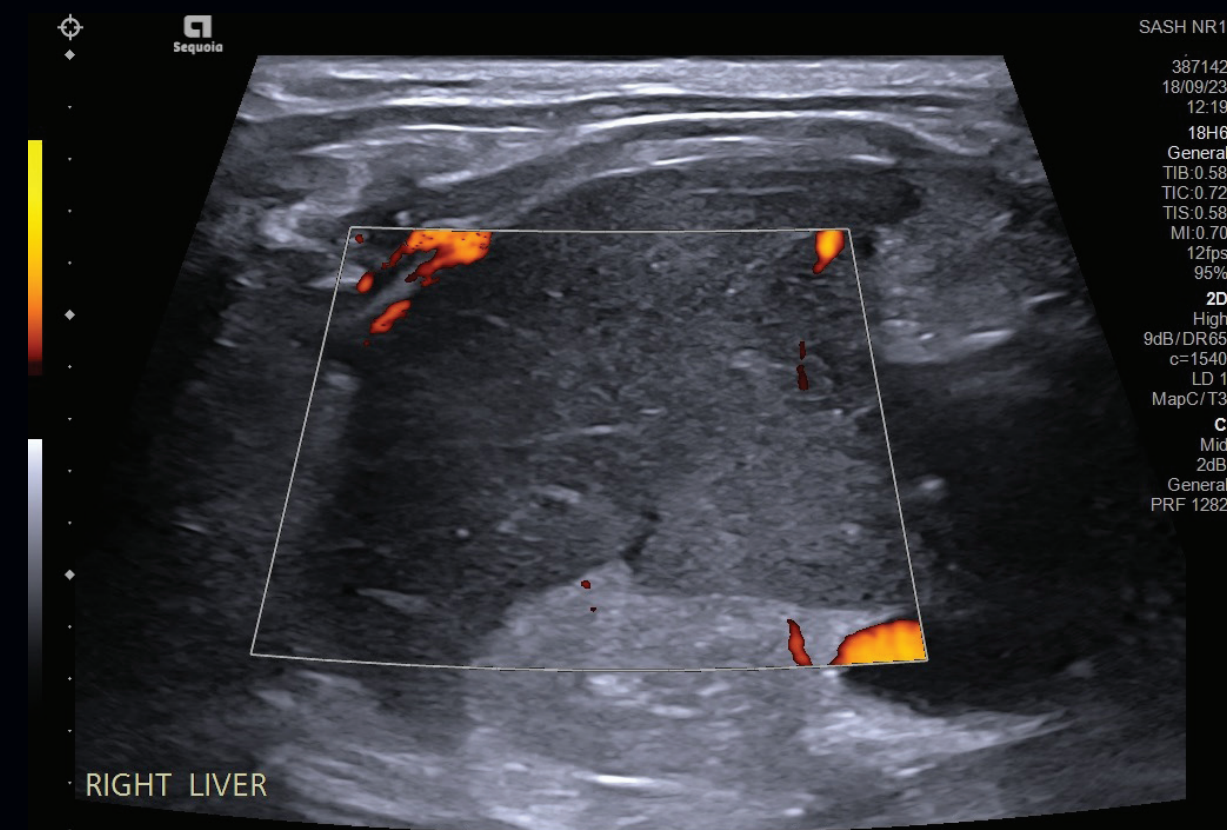
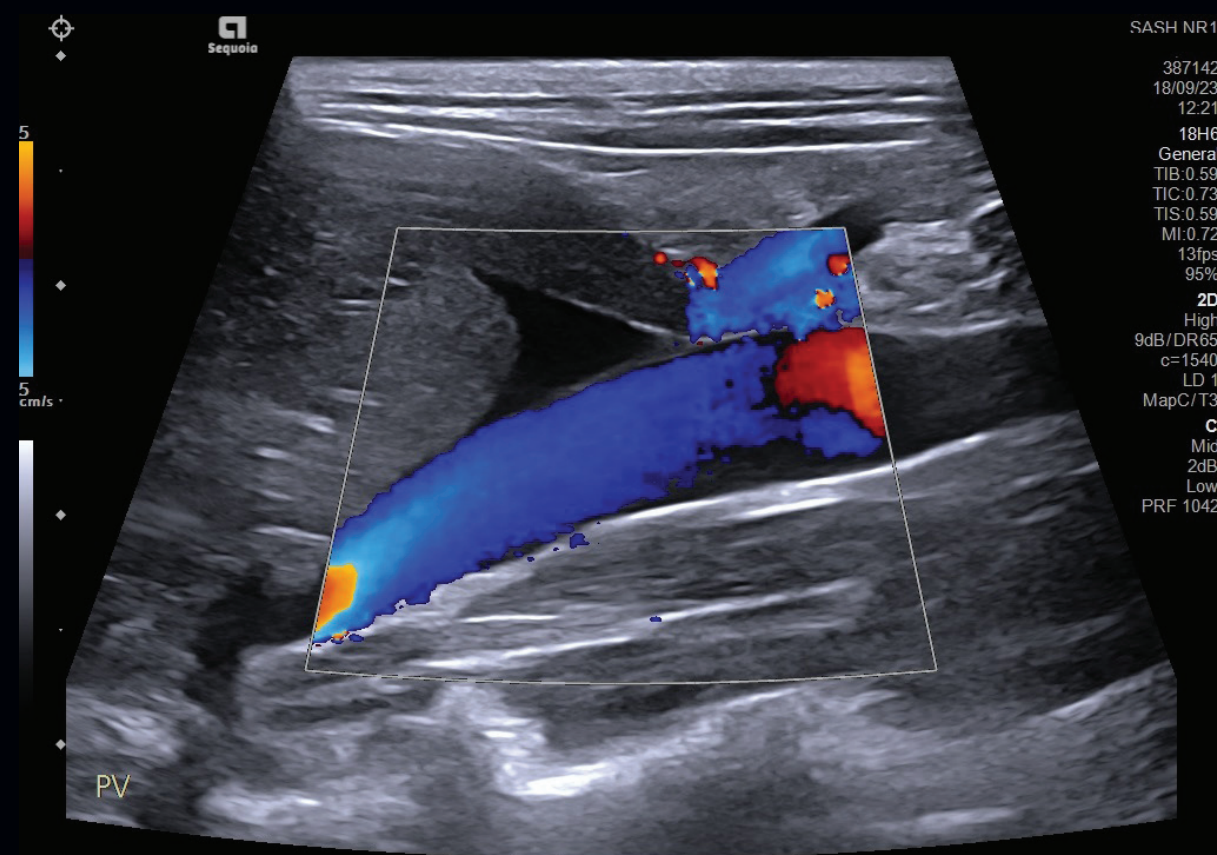
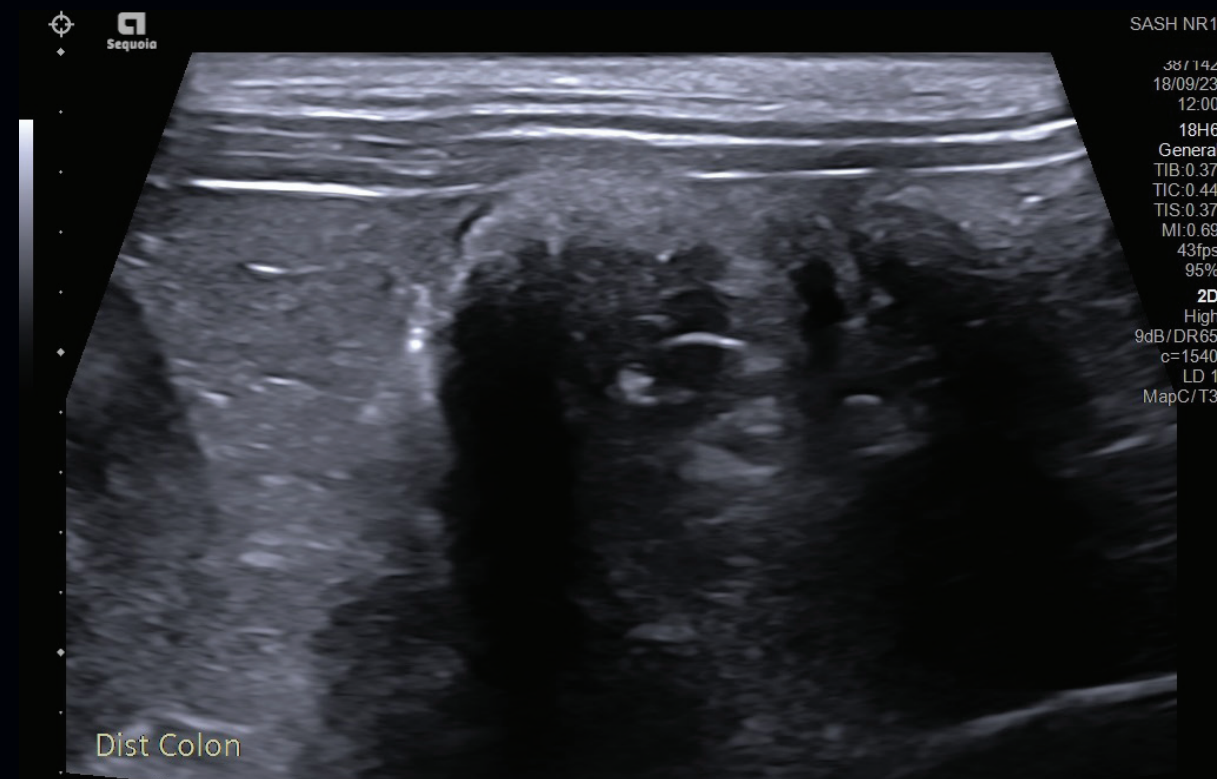


Image Courtesy of SASH vets North Ryde

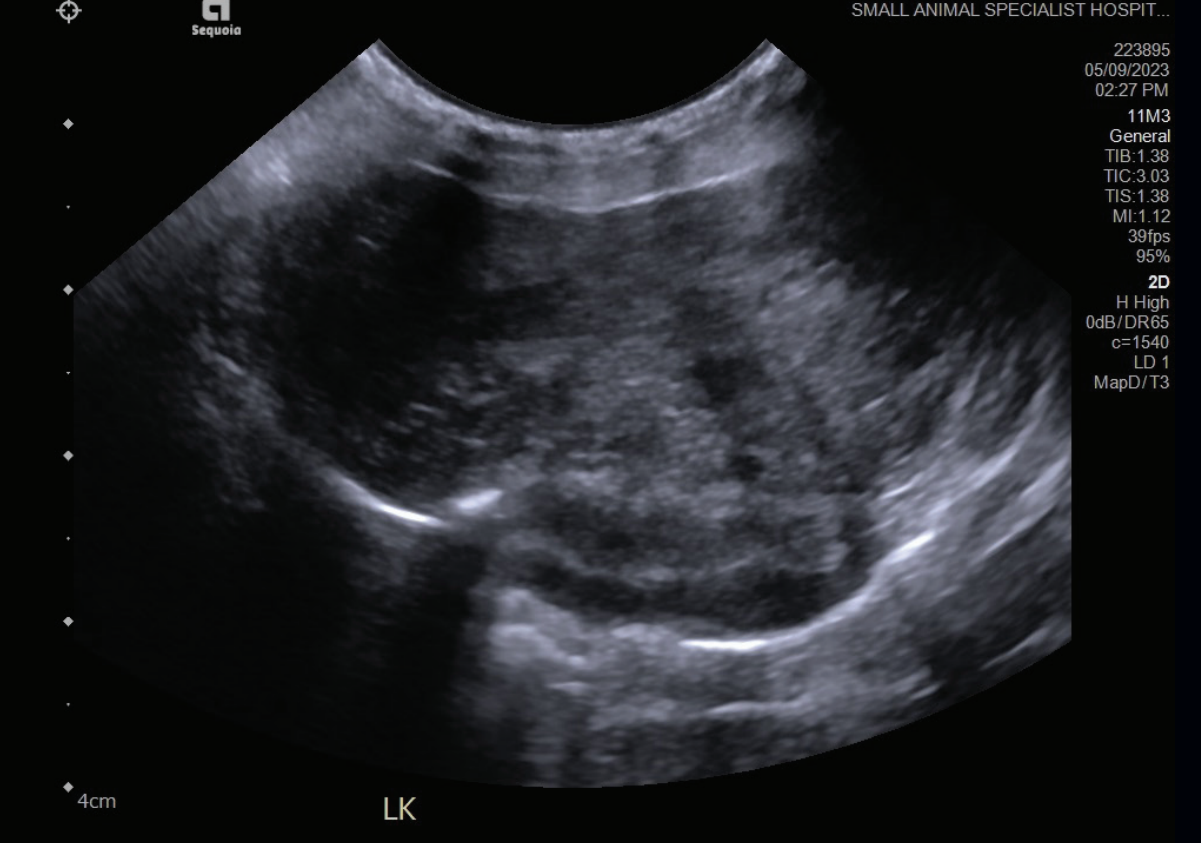
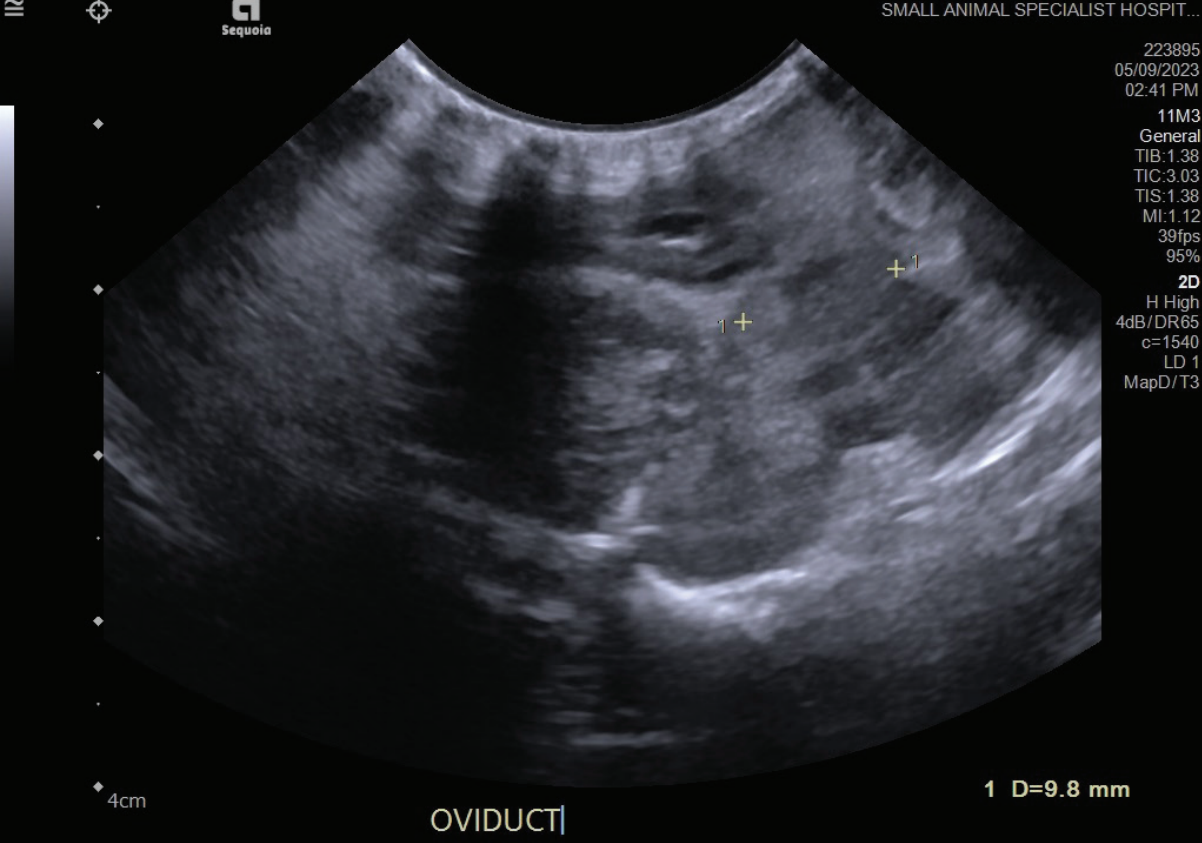
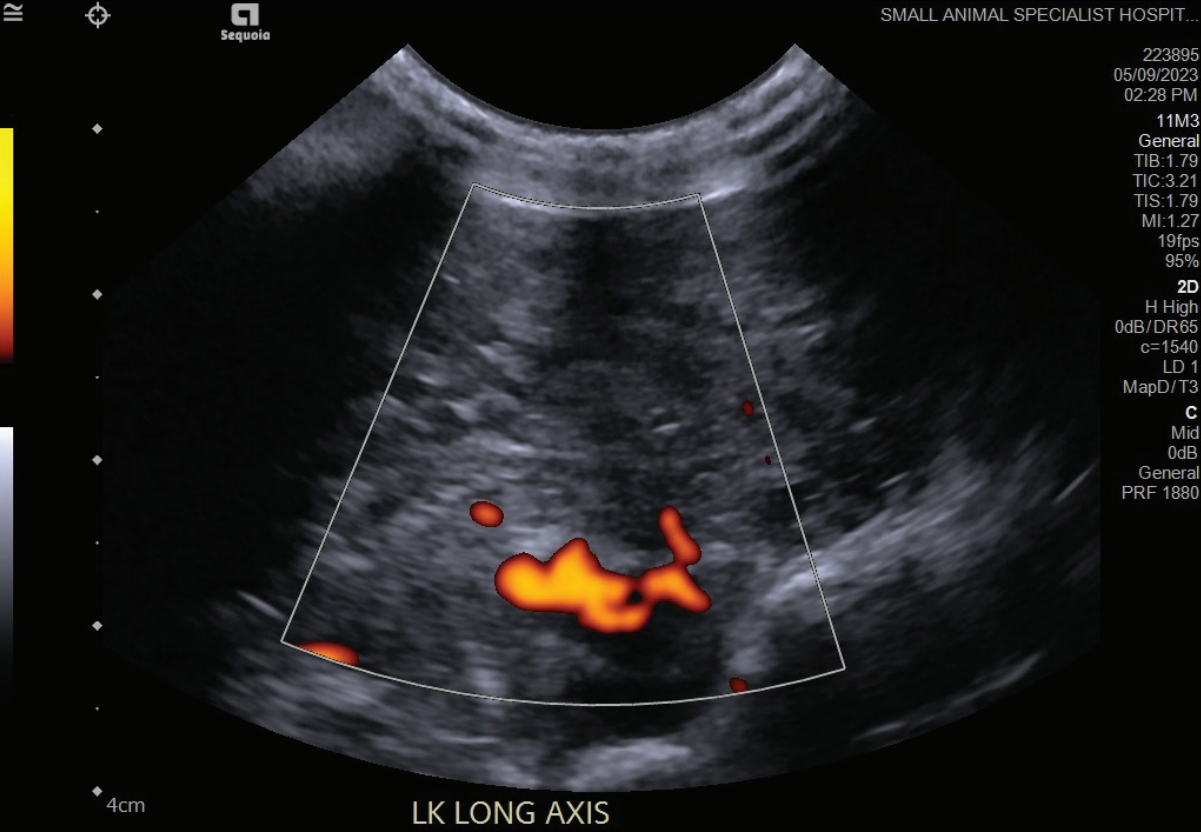
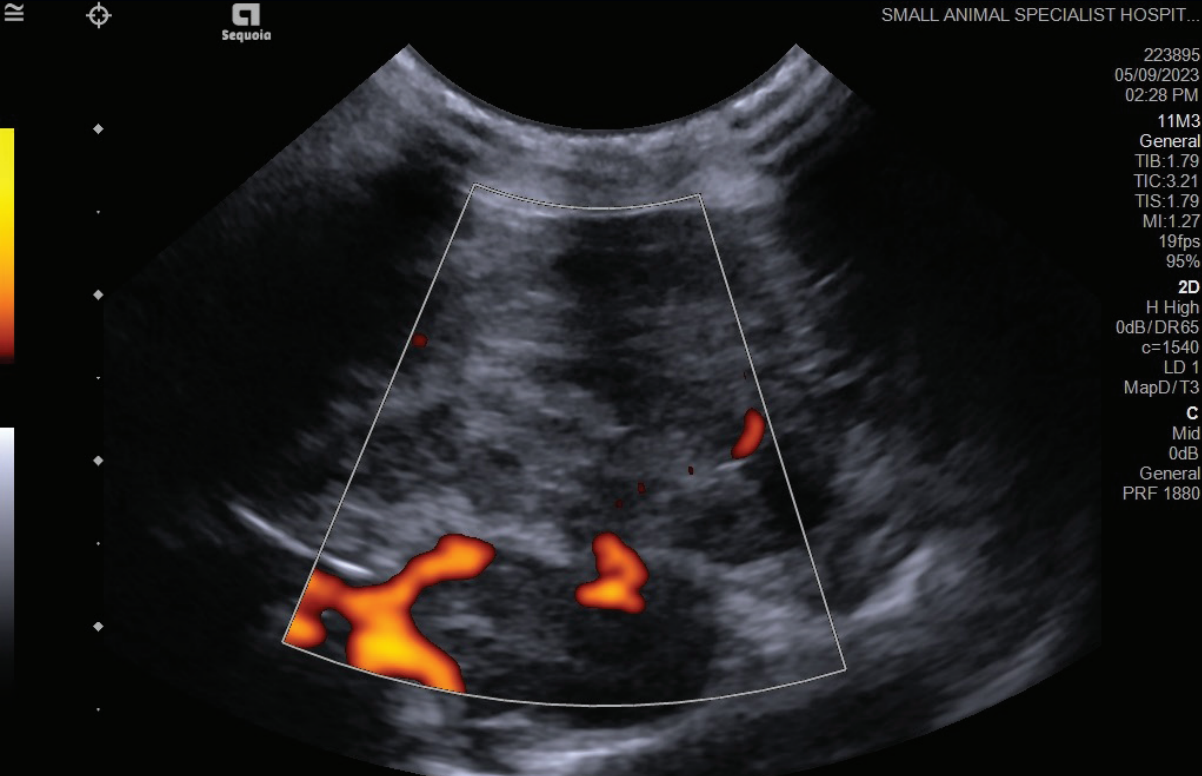


# Rabbit





Chicken



With over 125 years of medical imaging experience, Siemens Healthineers is a true leader in diagnostic imaging, pathology, and innovation.

Did you know Siemens Healthineers provides high-quality diagnostic imaging and testing technology approved for veterinary use?

Our proven technologies include low-dose CT, market-leading MRI, and state-of-the-art Ultrasound, enabling you to deliver best-in-class veterinary services.



For further information scan the QR code.

---

**Siemens Healthineers Hellas**  
**Single Member Societe Anonyme**

7, Kifissias Ave. & Neapoleos 2 |  
Marousi, TK. 15123| Athens, GREECE

Tel: +30 (210) 6590900

[www.siemens-healthineers.com\gr](http://www.siemens-healthineers.com\gr)