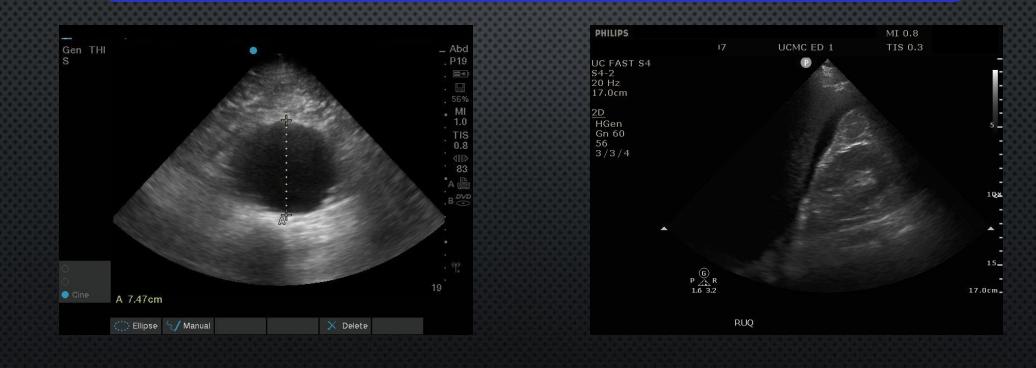
EMERGENCY ULTRASOUND REQUIRED IMAGES GUIDE

UNIVERSITY OF CINCINNATI EMERGENCY MEDICINE

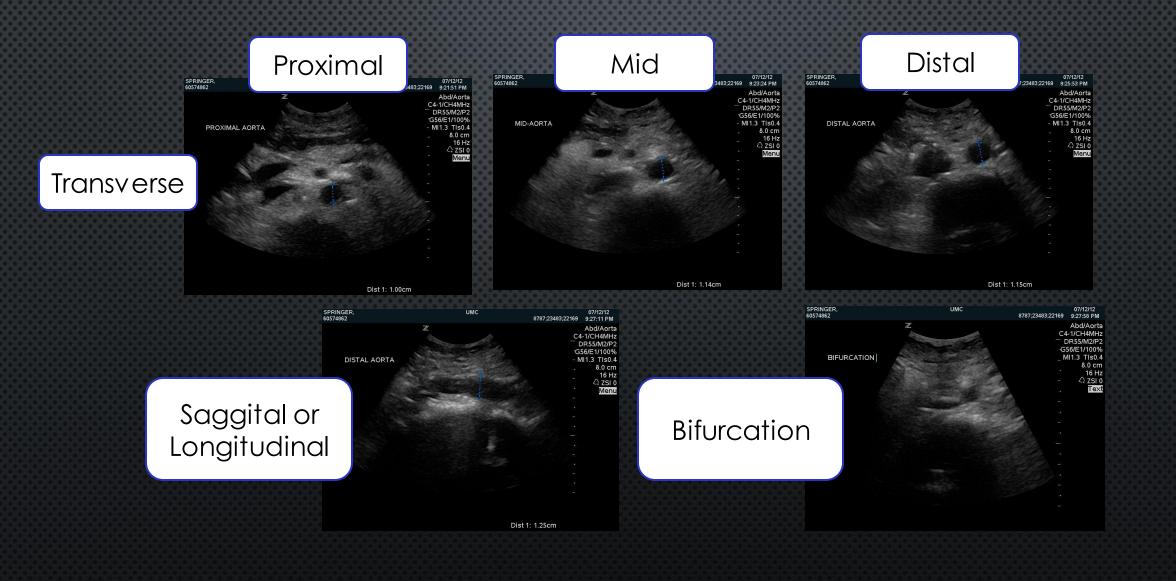
DISCLAIMER

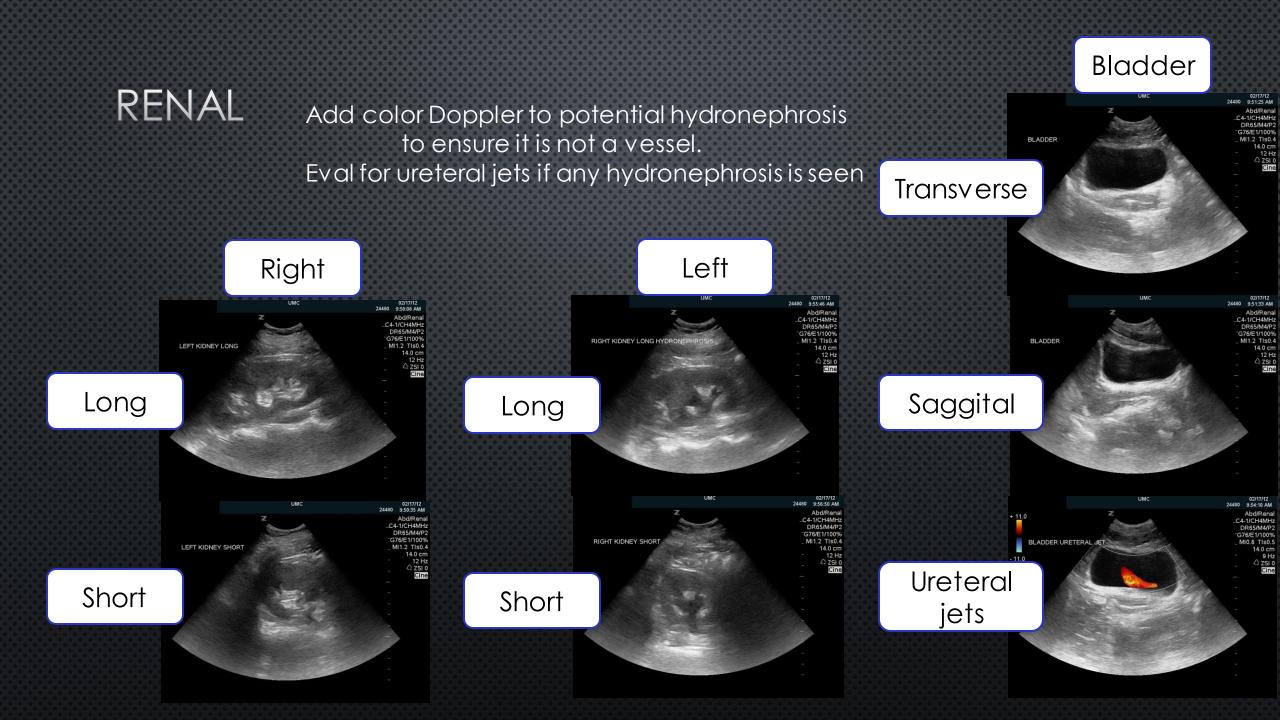
A single diagnostic image of rule in emergent pathology is always acceptable For example...

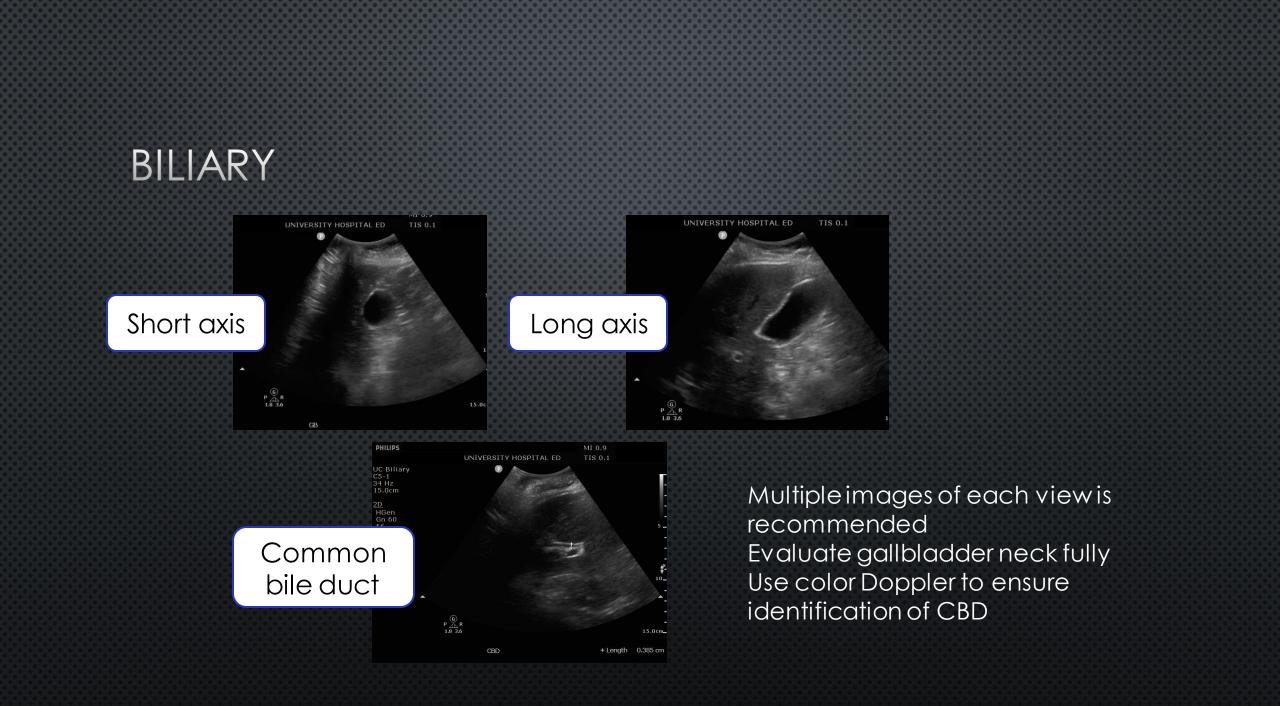


AORTA

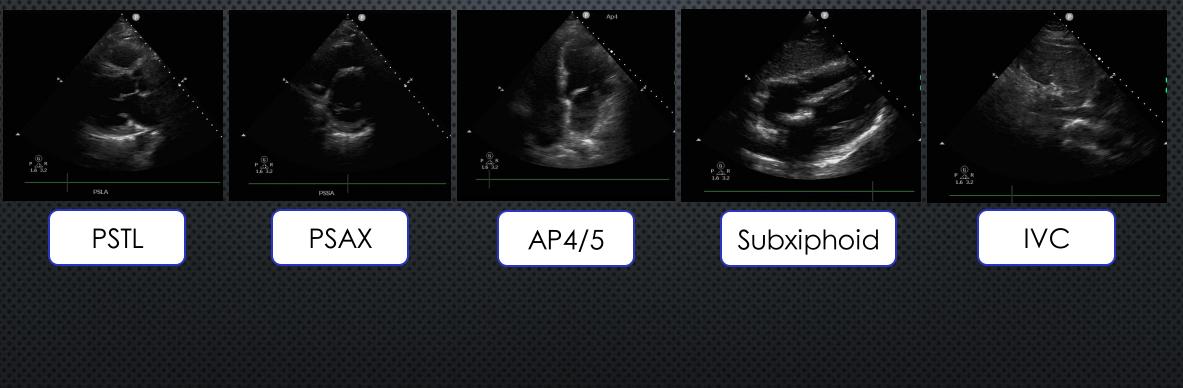
Measure outer wall to outer wall at each location. A clip and still of each is recommended.







CARDIAC



EARLY PREGNANCY - TRANSABDOMINAL

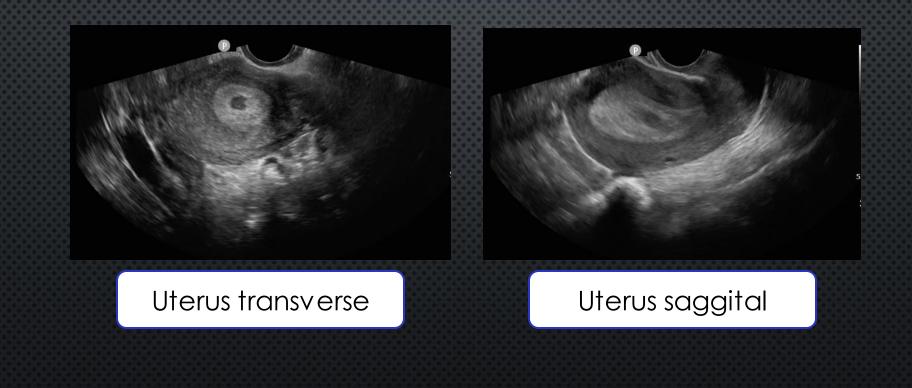


Uterus transverse

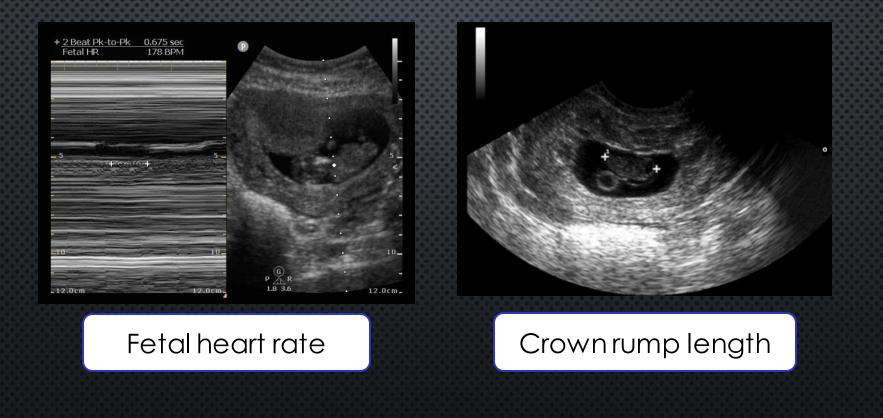


Uterus saggital

EARLY PREGNANCY- TRANSVAGINAL



INTRAUTERINE PREGNANCY VISUALIZED





Three components to a FAST exam: Abdomen Cardiac Thoracic

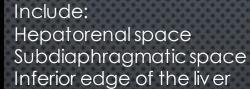
Include each component as clinically indicated.

FAST - ABDOMEN

Μ

RUQ

LUQ



Transverse

BLADDER

Include: Splenorenal space Subdiaphragmatic space Left paracolic gutter



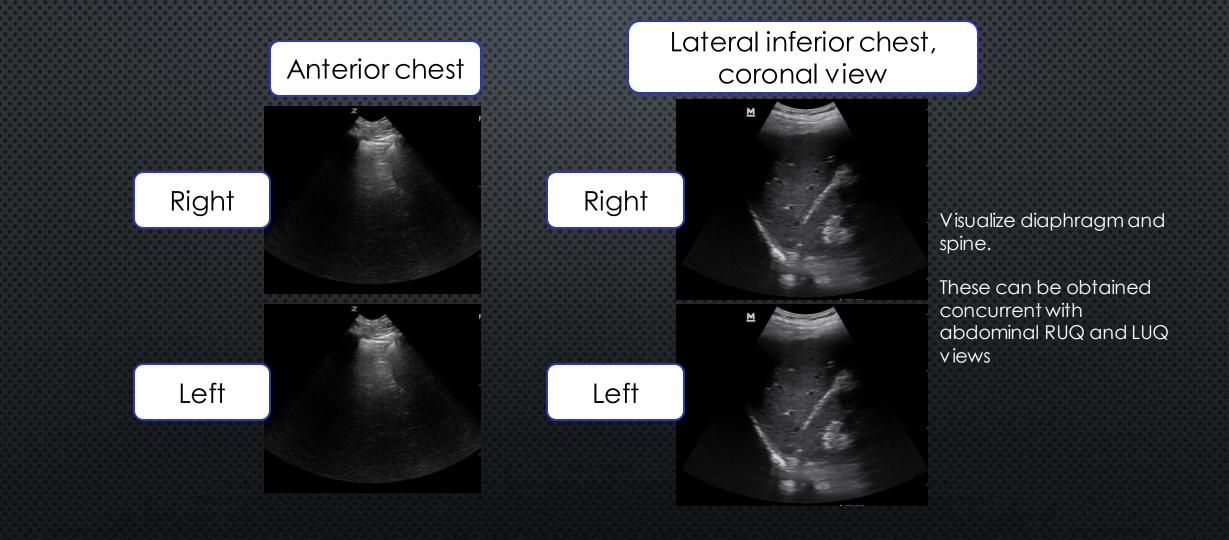
Pelvis

02/17/12 24480 9:51:25 AM Abd/Rena _C4-1/CH4MH2 DR65/M4/P2

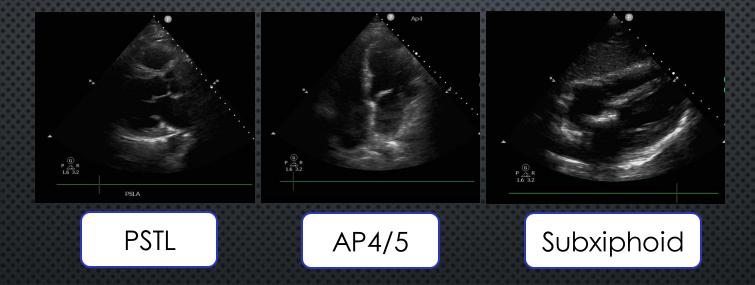
376/E1/100%

MI1.2 TIs0.4 14.0 cm 12 Hz C ZSI 0 Cine

FAST - THORACIC



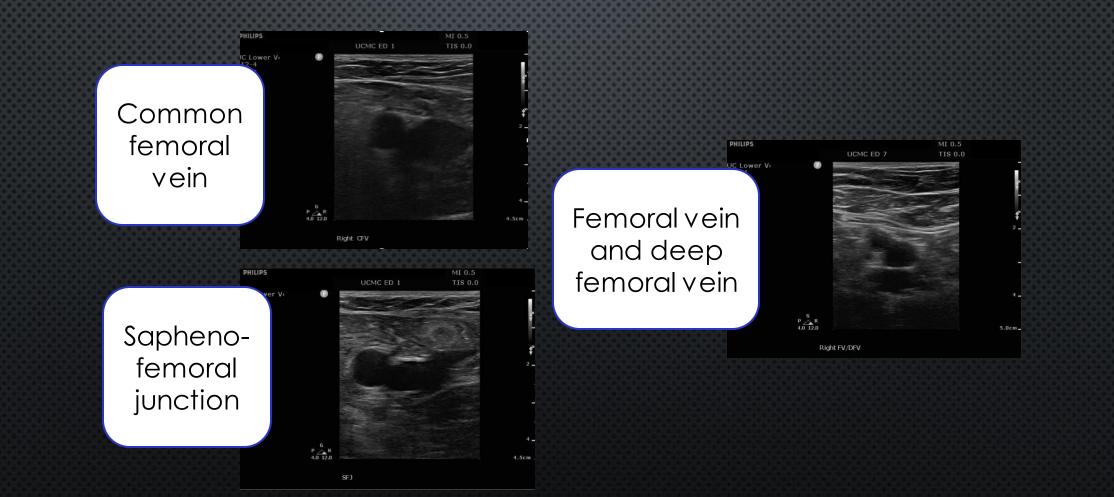
FAST - CARDIAC



Obtain any one of these

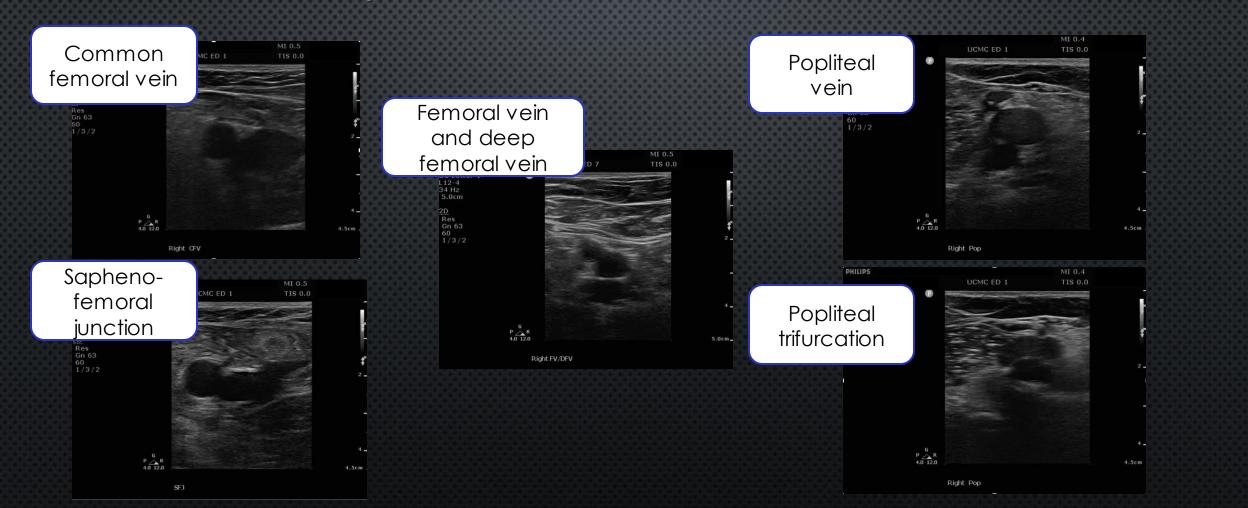
LOWER EXTREMITY DVT

Obtain clips demonstrating compression of the vein. Another option is to utilize dual mode and obtain side-by-side still images of each site uncompressed and compressed.



LOWER EXTREMITY DVT

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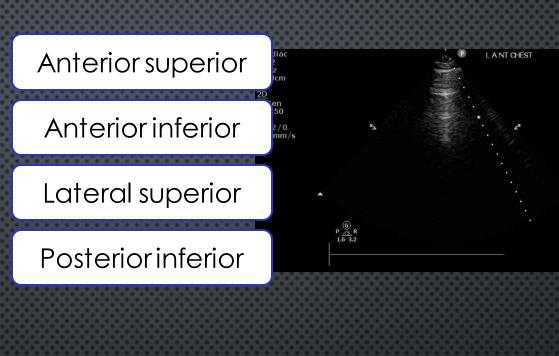


LUNG

If evaluating only for pneumothorax bilateral anterior chest clips are sufficient. *M*mode can also be utilized.

If evaluating only for pleural effusion bilateral lateral inferior chest views that demonstrate the diaphragm are sufficient.

If evaluating for parenchymal disease 10 zones should be assessed: Right and left anterior superior, anterior inferior, lateral superior, posterior inferior, lateral inferior.



PHILIPS

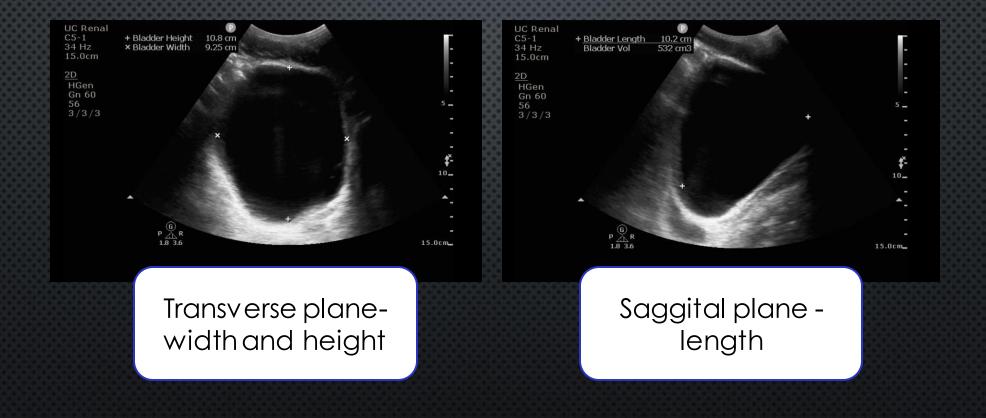
Lateral inferior



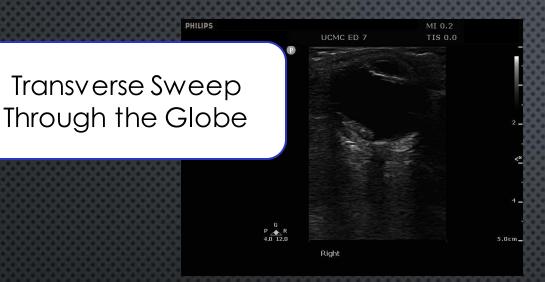
15 UNIVERSITY HOSPITAL ED

MI 1.3

BLADDER VOLUME



OCULAR - REQUIRED



- Always Label Left/Right Eye
- Label nasal/Temporal on images

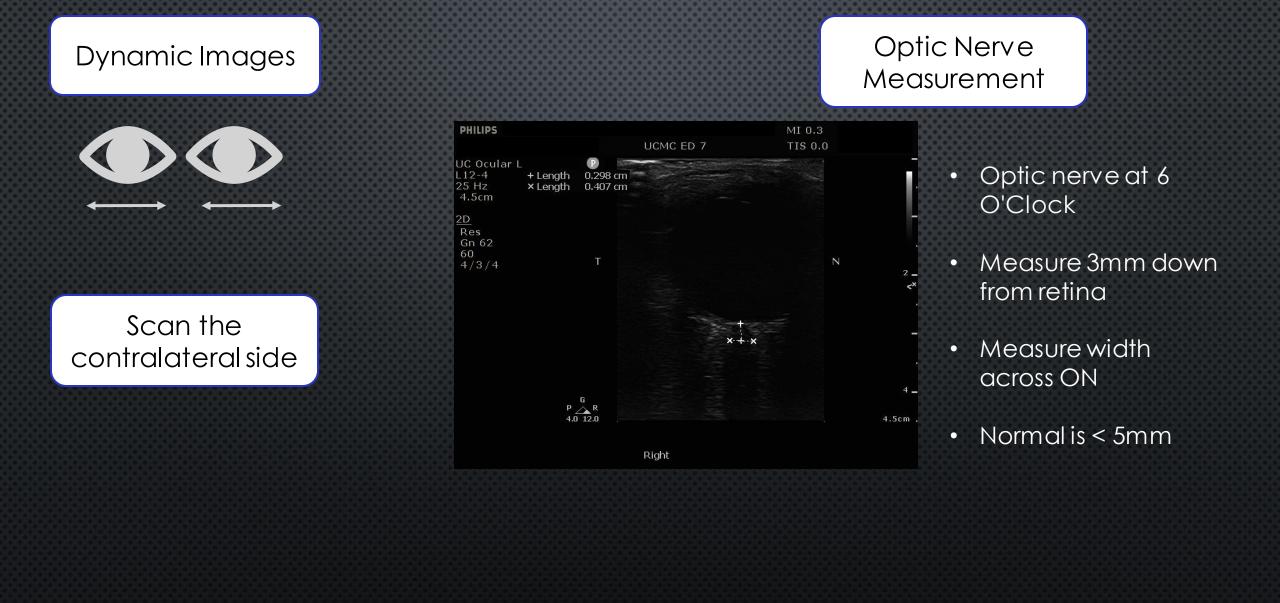
Longitudinal Sweep through the globe

PHILIPS

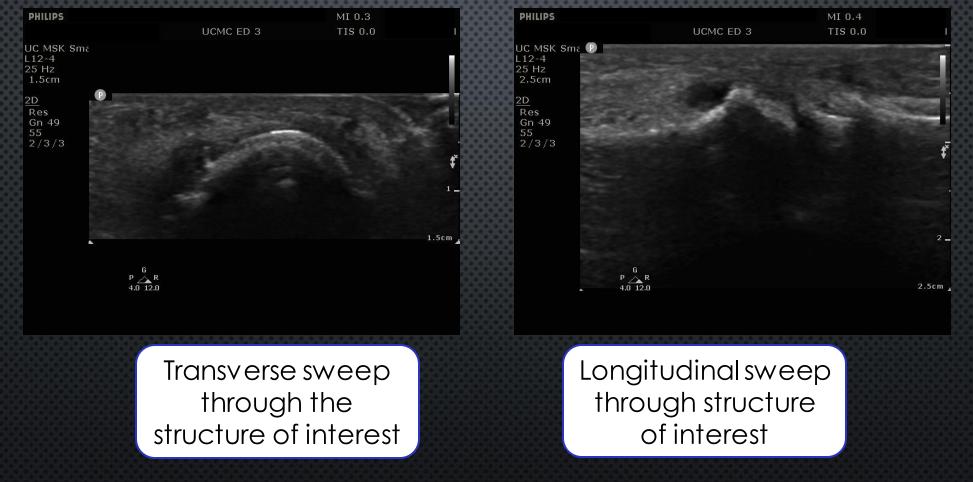


5.0cm

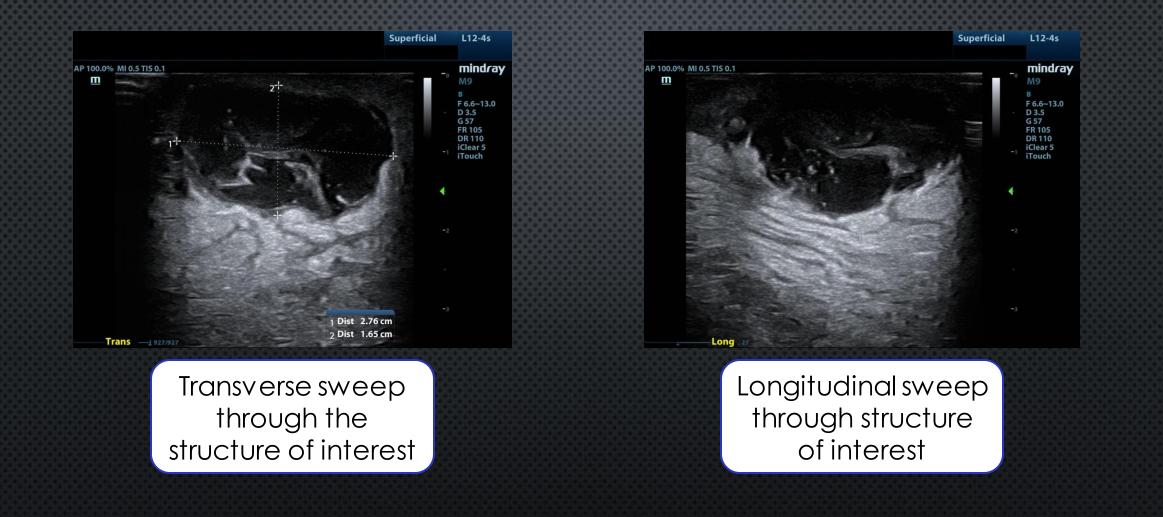
OCULAR - SUGGESTED



MSK



SOFT TISSUE



CENTRAL LINE/PERIPHERAL LINE

