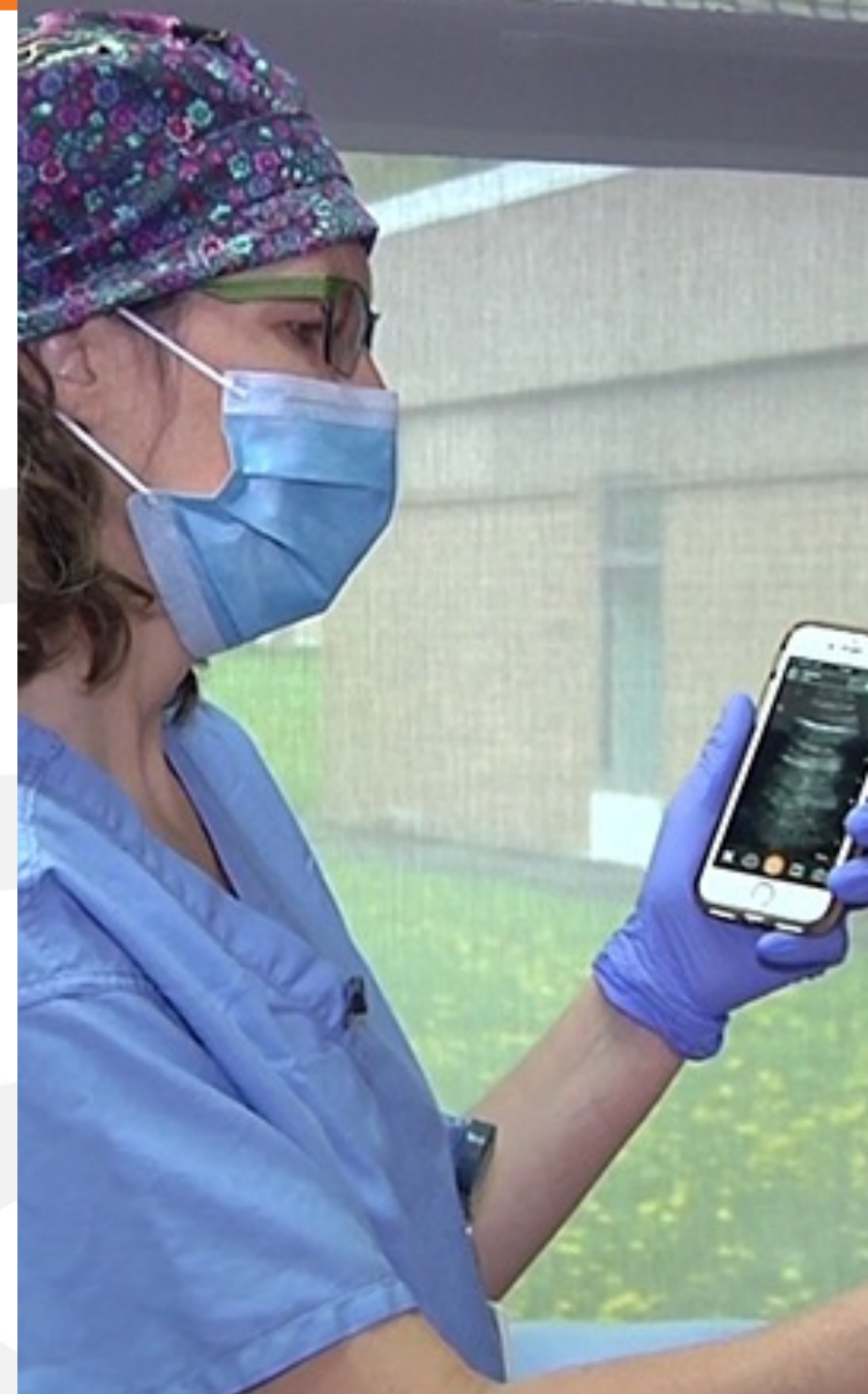


WEBINAR

Pragmatic POCUS for Urgent and Primary Care: Diagnosing Renal, Gallbladder and Aortic Pathology

May 18, 2021



Your Host



Dr. Oron Frenkel, MD, MS

Emergency Physician & POCUS Educator

Chairman, Clarius Medical Advisory Board

POCUS in Primary Care: a Systematic Review of Generalist Performed POCUS

“... variable, but generally low, use among general practitioners, while it seems to be thoroughly established in emergency medicine in North America, and increasingly also in the rest of the world.”

Sorensen, B., Hunskaar, S. Point-of-care ultrasound in primary care: a systematic review of generalist performed point-of-care ultrasound in unselected populations. *Ultrasound J* 11, 31 (2019).
<https://doi.org/10.1186/s13089-019-0145-4>



POCUS in Primary Care: a Systematic Review of Generalist Performed POCUS

“.. found in general either high sensitivity or high specificity for the particular test studied ... POCUS also showed **faster time to diagnosis and change in management** in some studies.”

Sorensen, B., Hunskaar, S. Point-of-care ultrasound in primary care: a systematic review of generalist performed point-of-care ultrasound in unselected populations. *Ultrasound J* 11, 31 (2019).
<https://doi.org/10.1186/s13089-019-0145-4>



Use of Ultrasound in Primary Care Survey Study in Switzerland



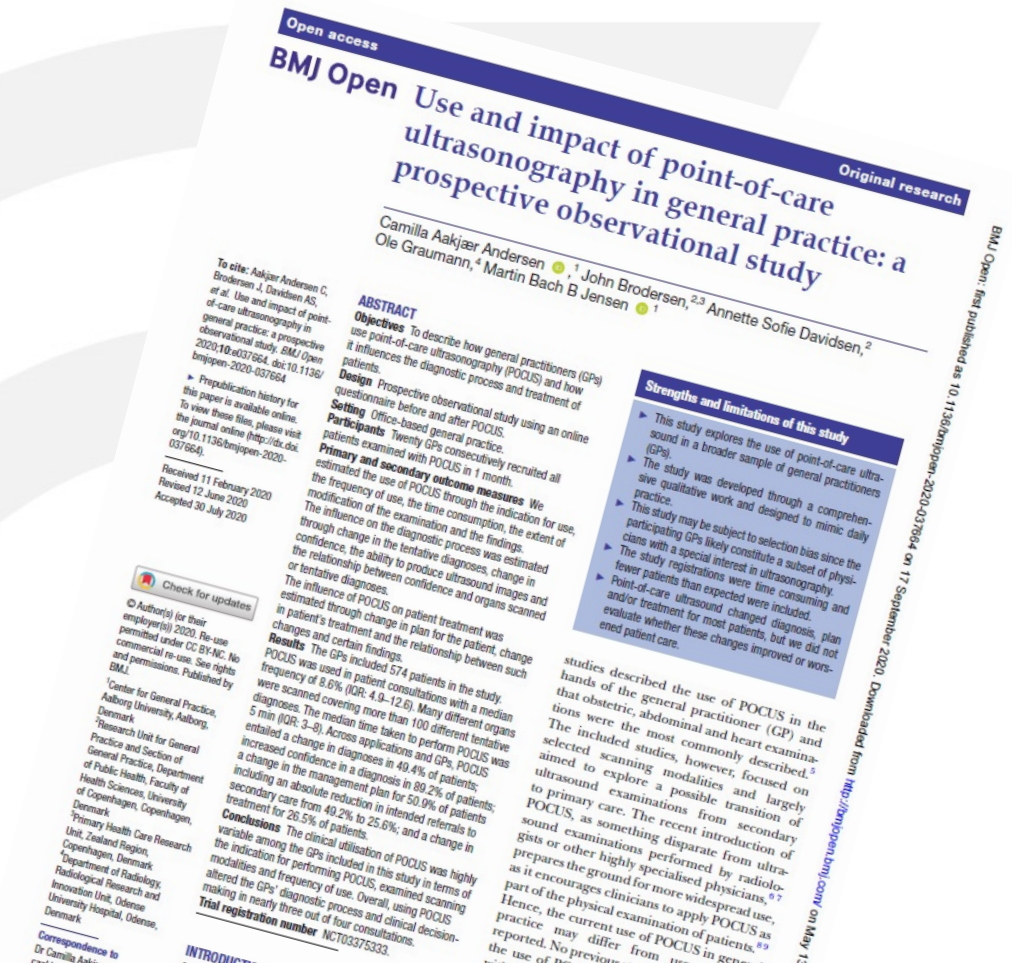
“The use of ultrasound is high among general practitioners ... According to billing data, **49% of the GPs used ultrasound** and provided 130,245 exams to 67,180 patients between 2004 and 2018.”

Touhami, D., Merlo, C., Hohmann, J. *et al.* The use of ultrasound in primary care: longitudinal billing and cross-sectional survey study in Switzerland. *BMC Fam Pract* 21, 127 (2020). <https://doi.org/10.1186/s12875-020-01209-7>

Use and Impact of POCUS in General Practice: Prospective Observational Study

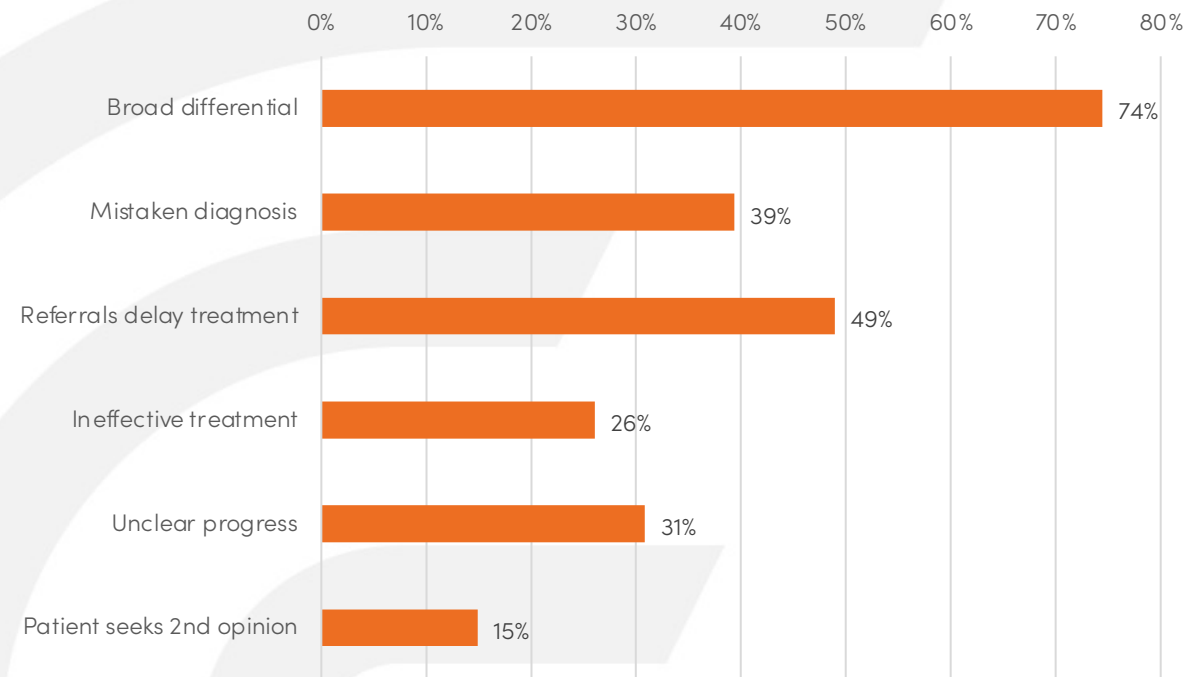
“Overall, using POCUS **altered** the GPs’ **diagnostic** process and clinical **decision** making in nearly **three out of four consultations.**”

Sorensen, B., Hunskaar, S. Point-of-care ultrasound in primary care: a systematic review of generalist performed point-of-care ultrasound in unselected populations. *Ultrasound J* 11, 31 (2019). <https://doi.org/10.1186/s13089-019-0145-4>



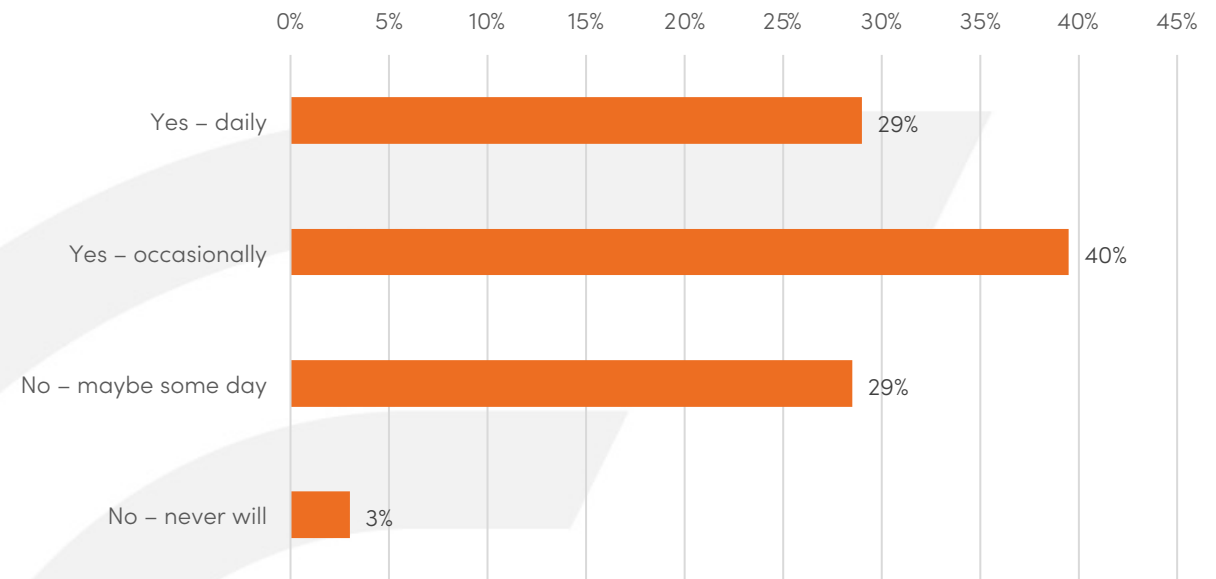


Which challenges do you face as a clinician if you must rely on a clinical exam?





Do you use POCUS in your practice?



Your Expert Guest Speaker



Virginia Robinson, M.D.

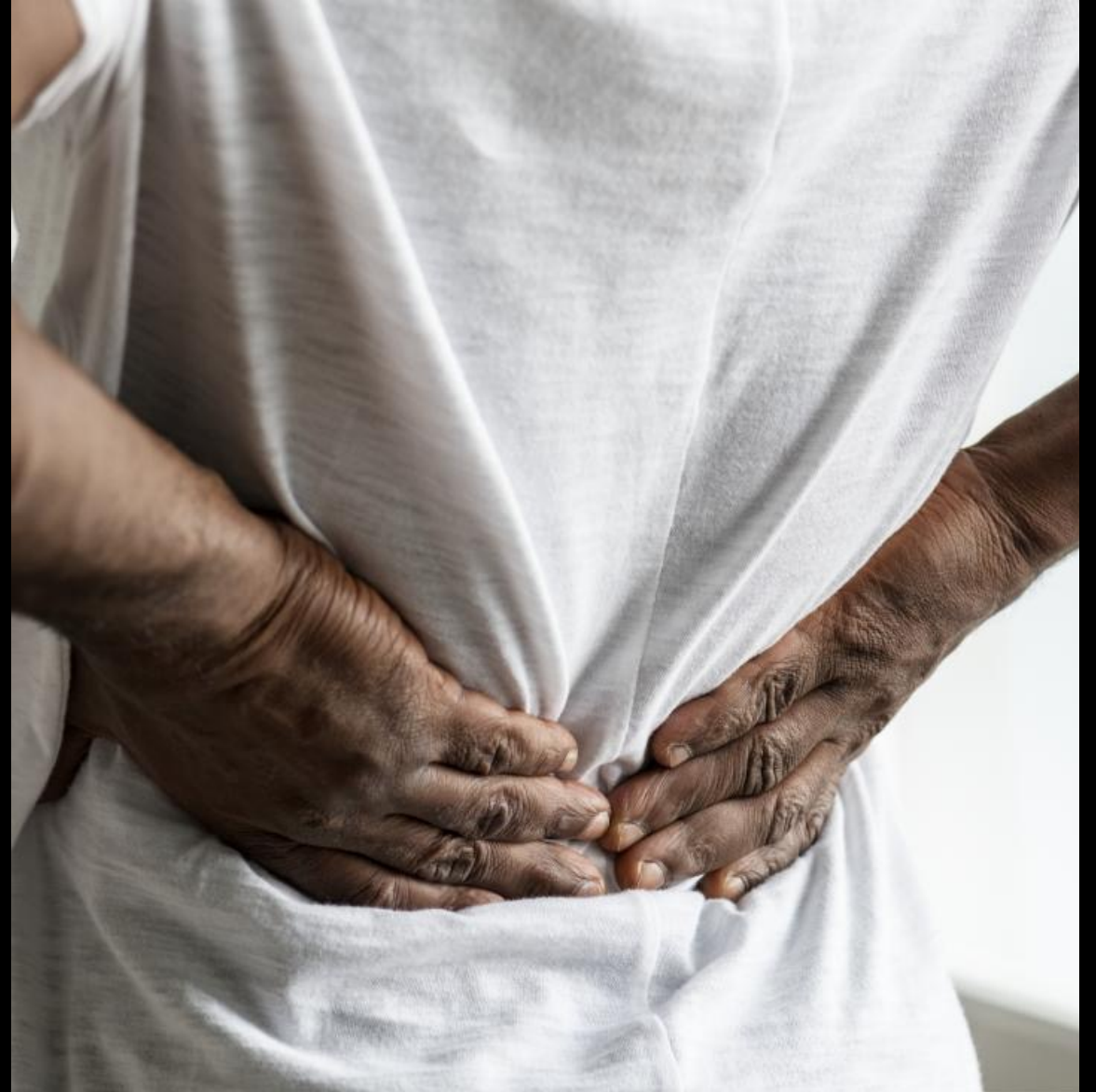
Primary Care Physician

Aorta, Gallbladder, Kidney

When? Why? How?

Virginia Robinson, May 2021

My Back Hurts!



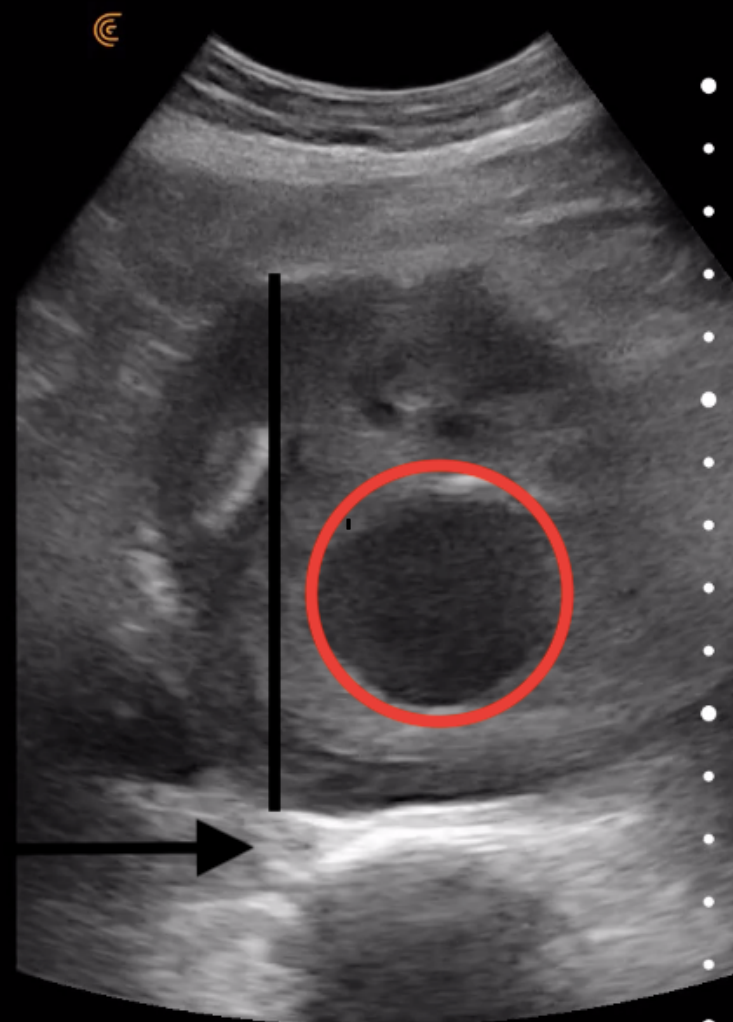
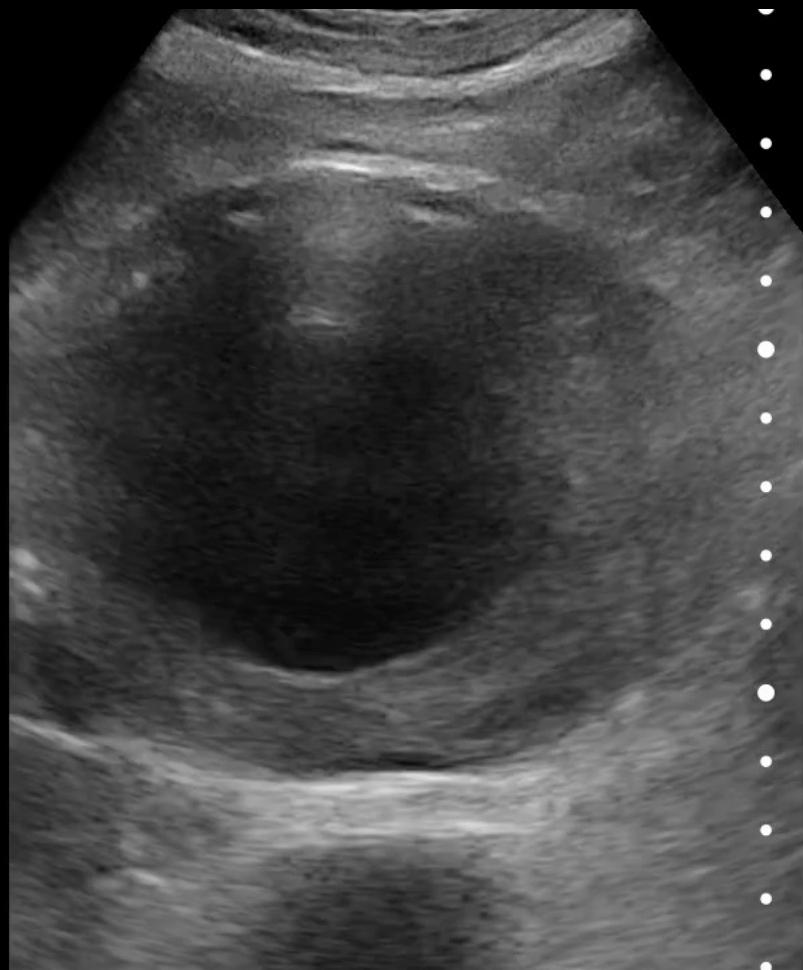




15 cm

Important

1. **Measure outer wall to outer wall =White to white**
2. **Make sure you are measuring the aorta by
landmarking the spine**

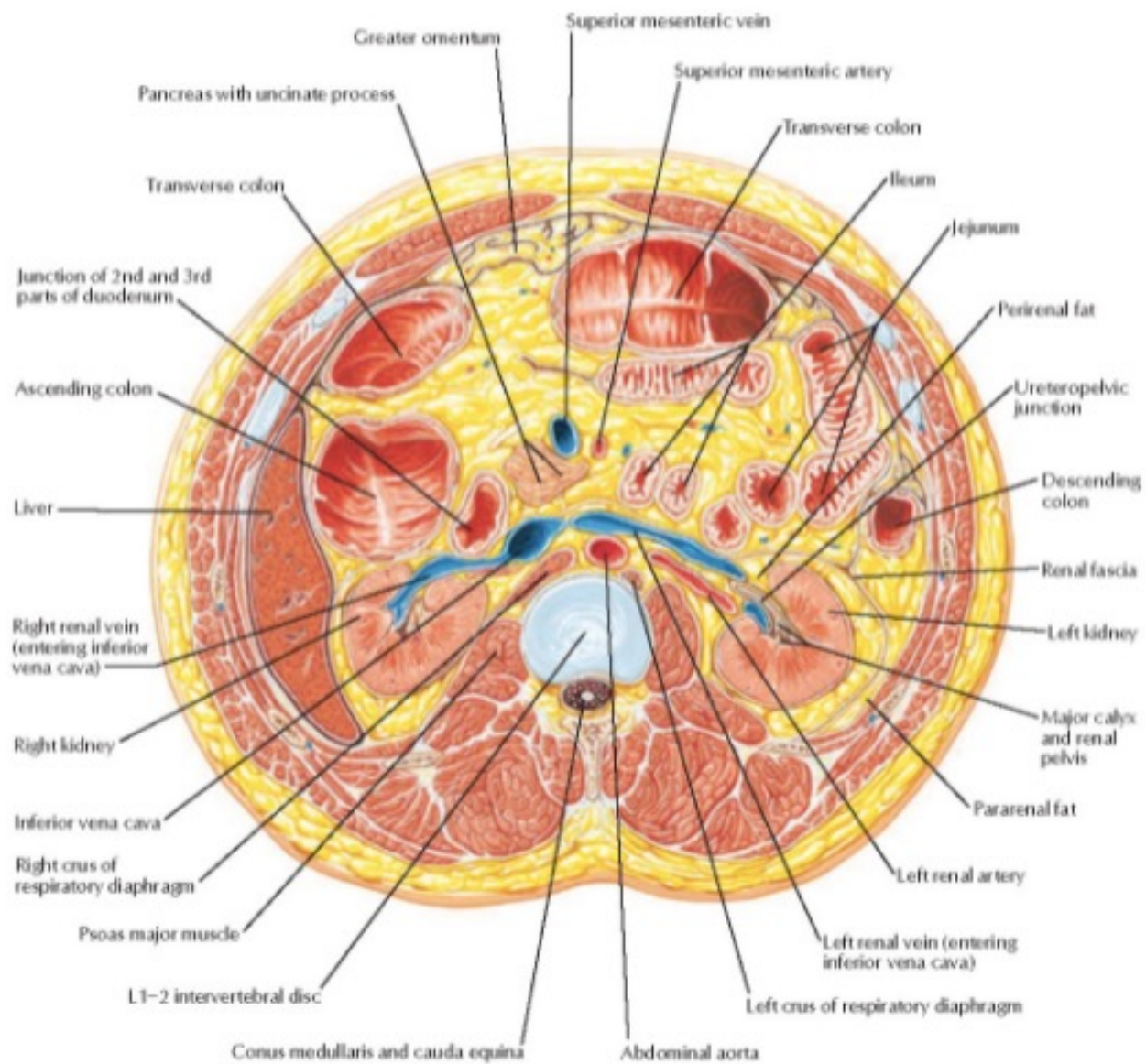


15 cm





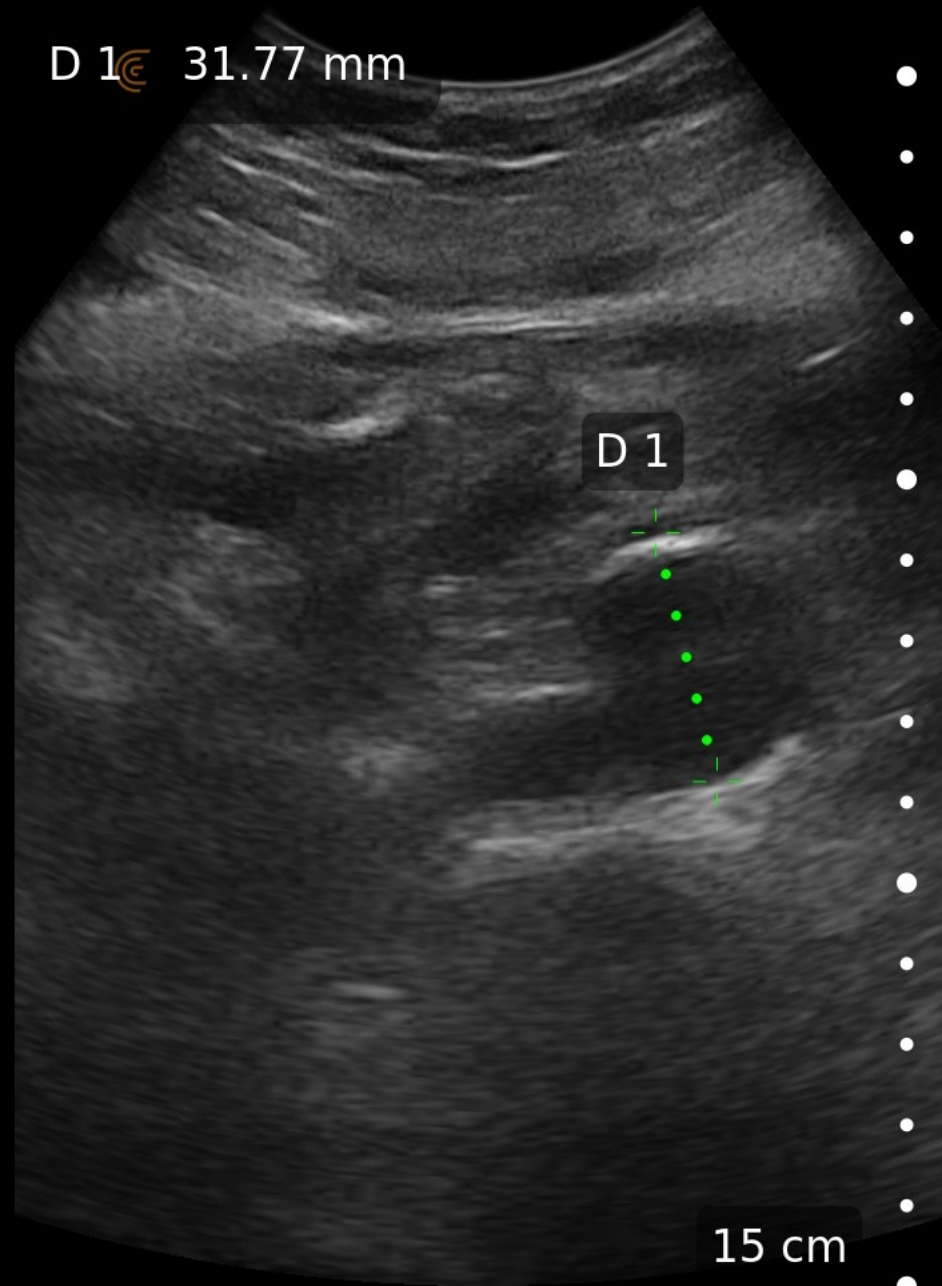
15 cm



D 1 31.77 mm

D 1

15 cm





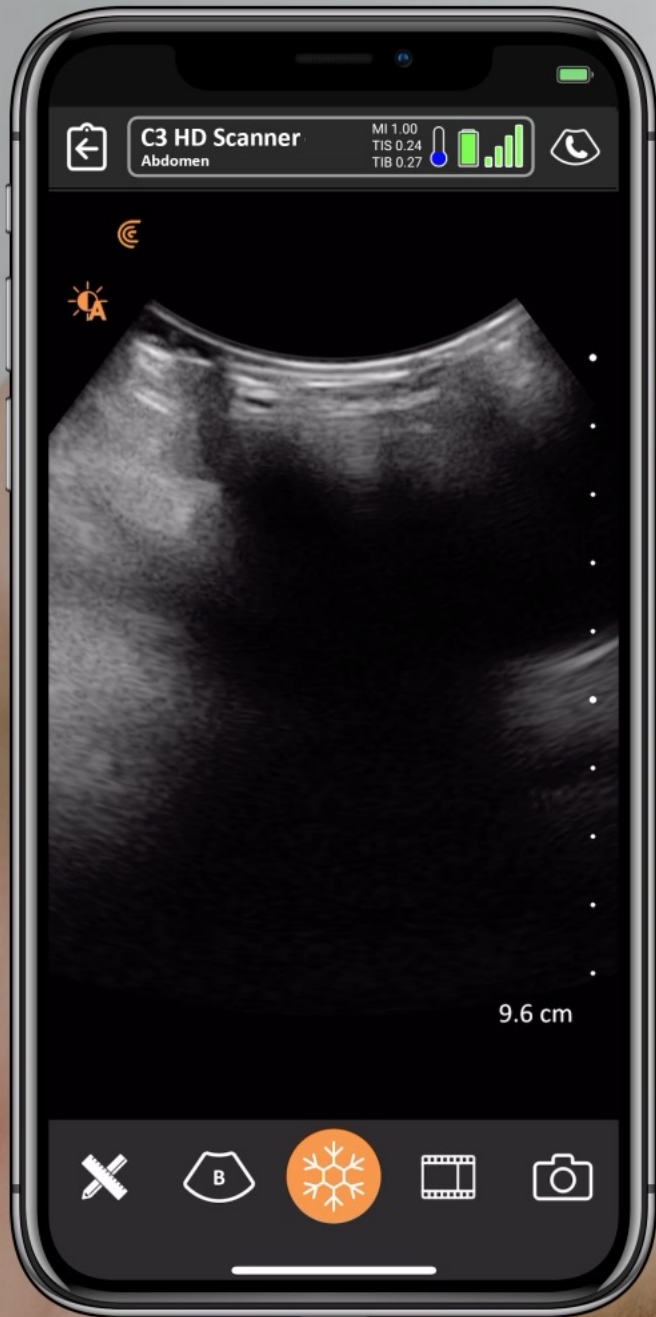
**TO SCREEN OR NOT
TO SCREEN ?**

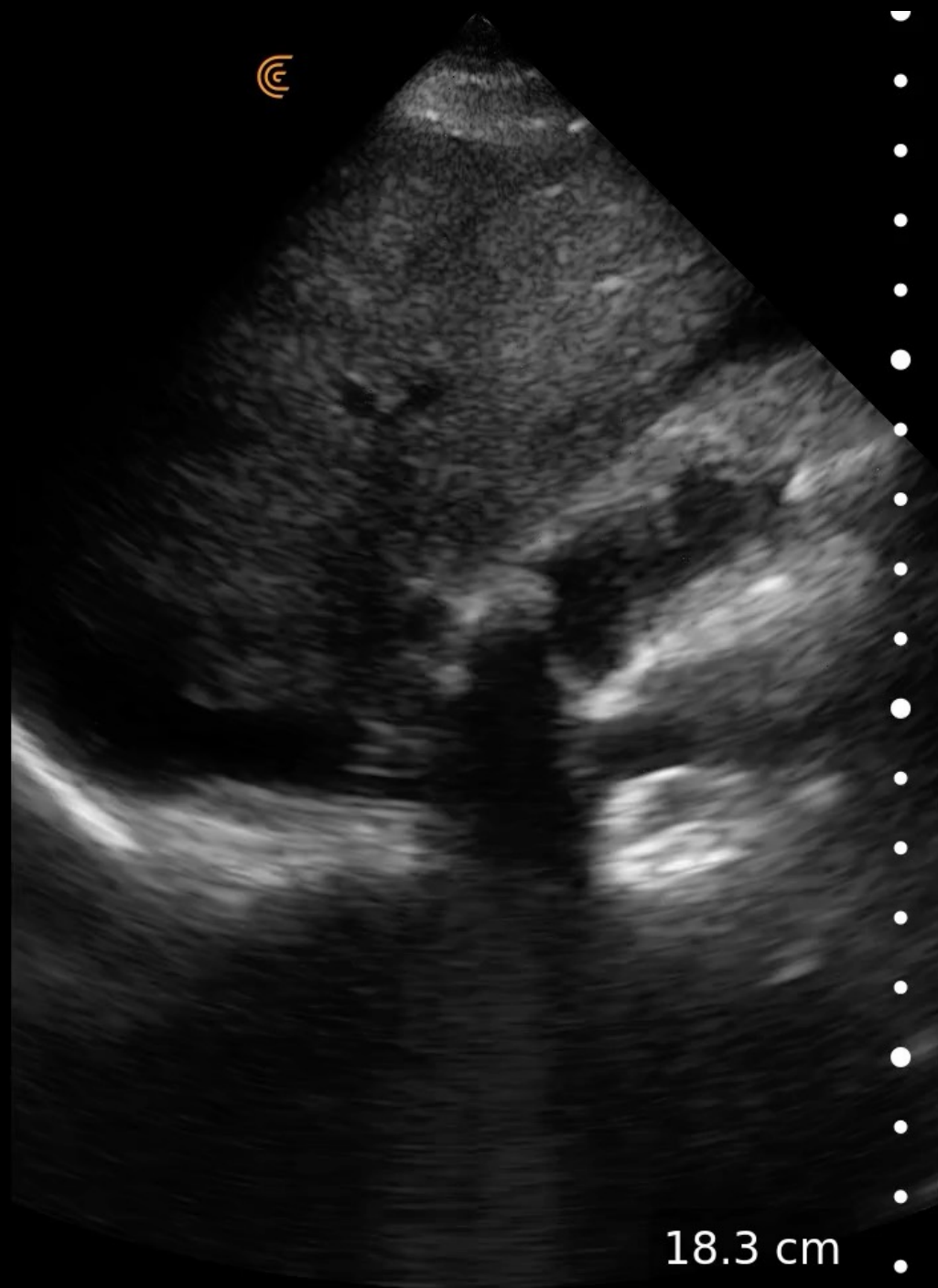
**A
A
A**



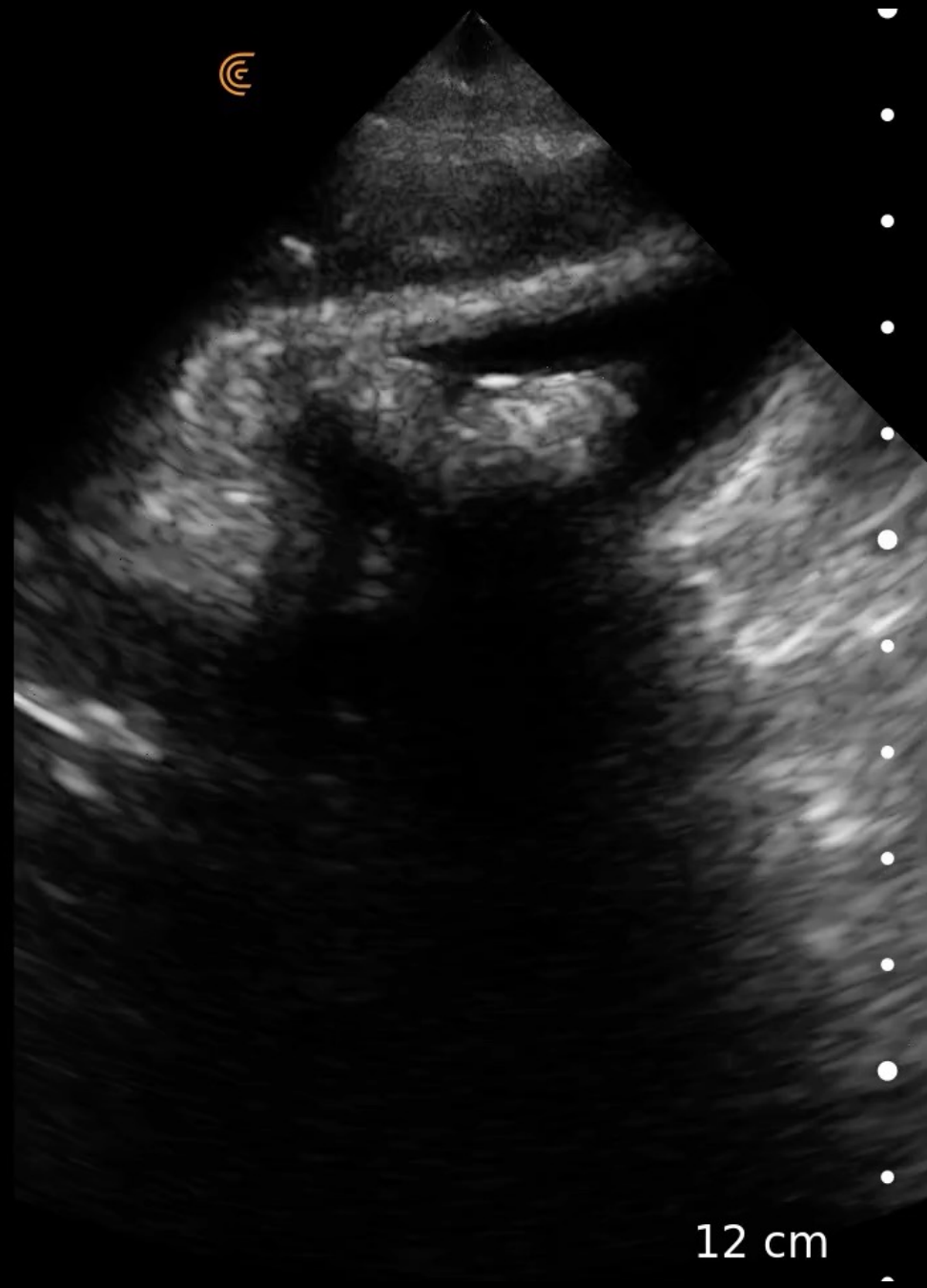
My Back Hurts!





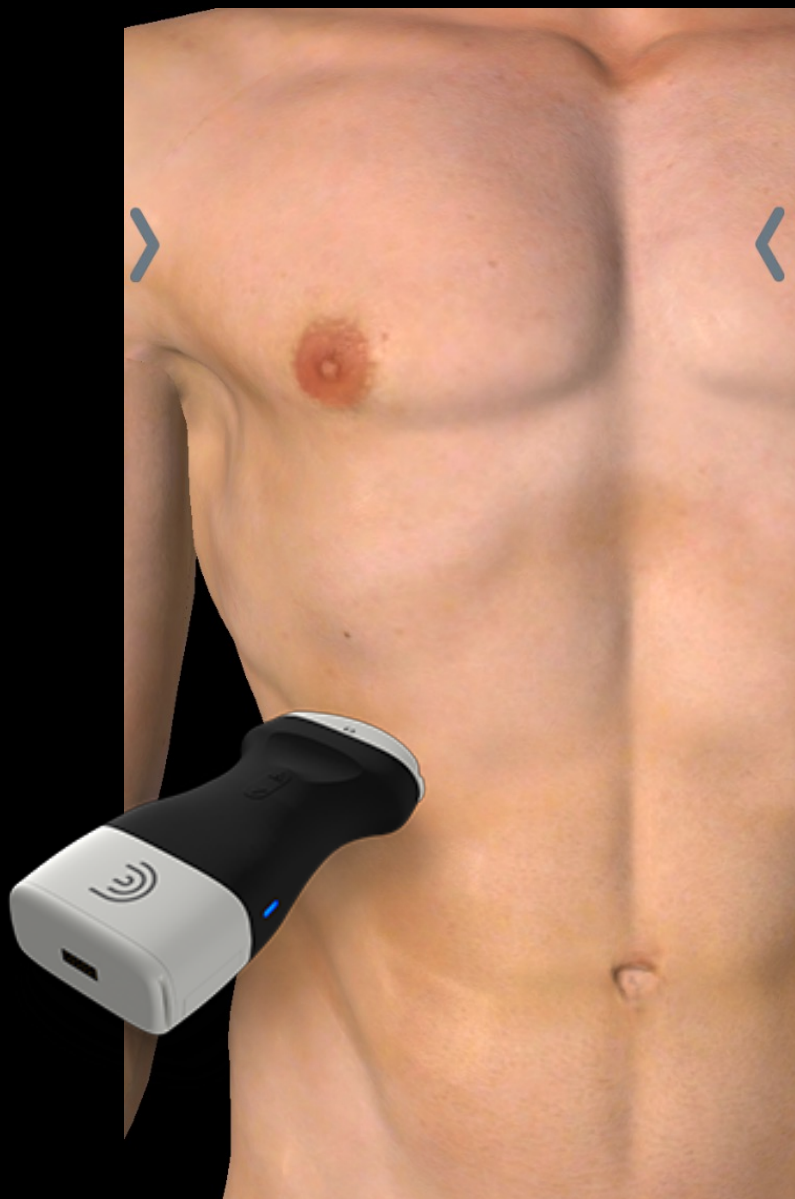


18.3 cm



12 cm

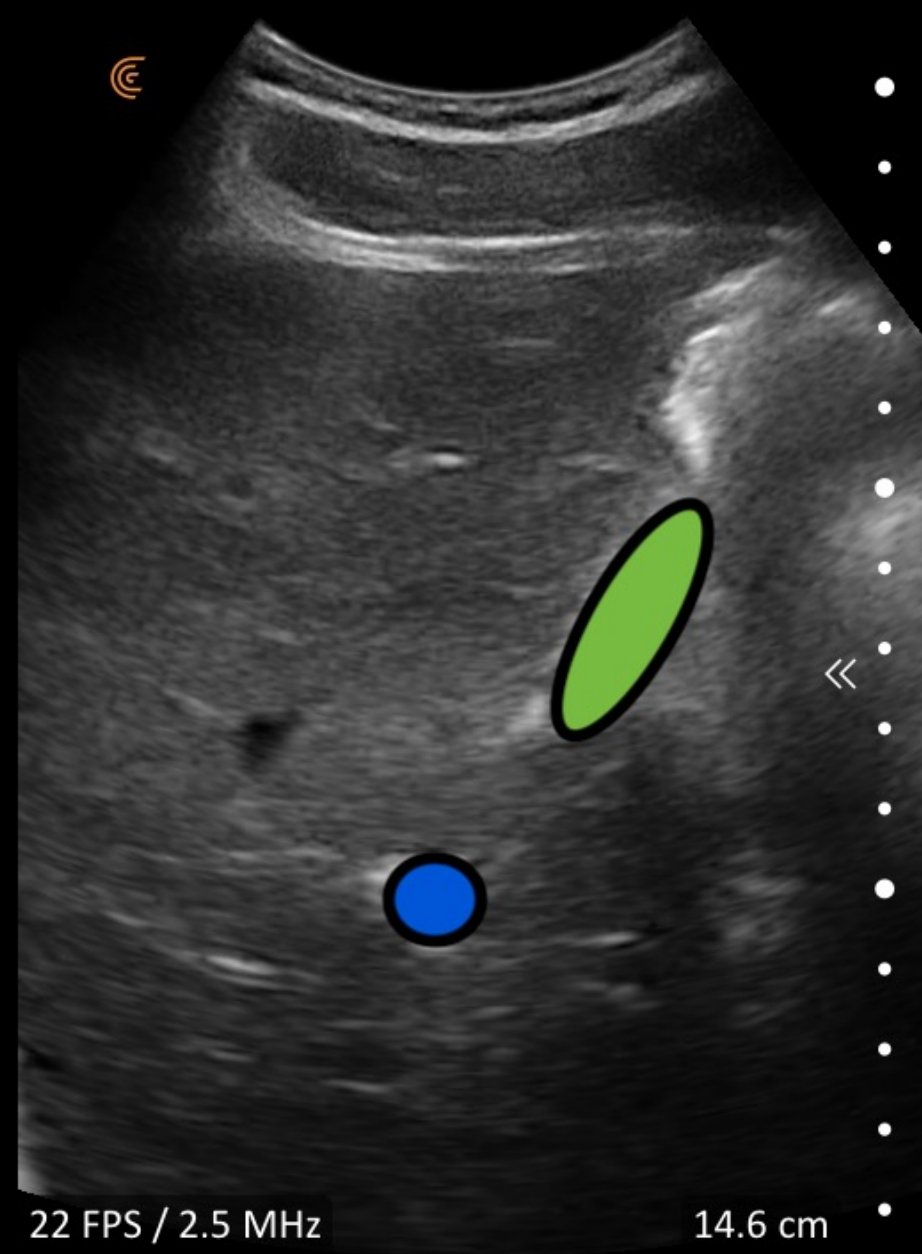
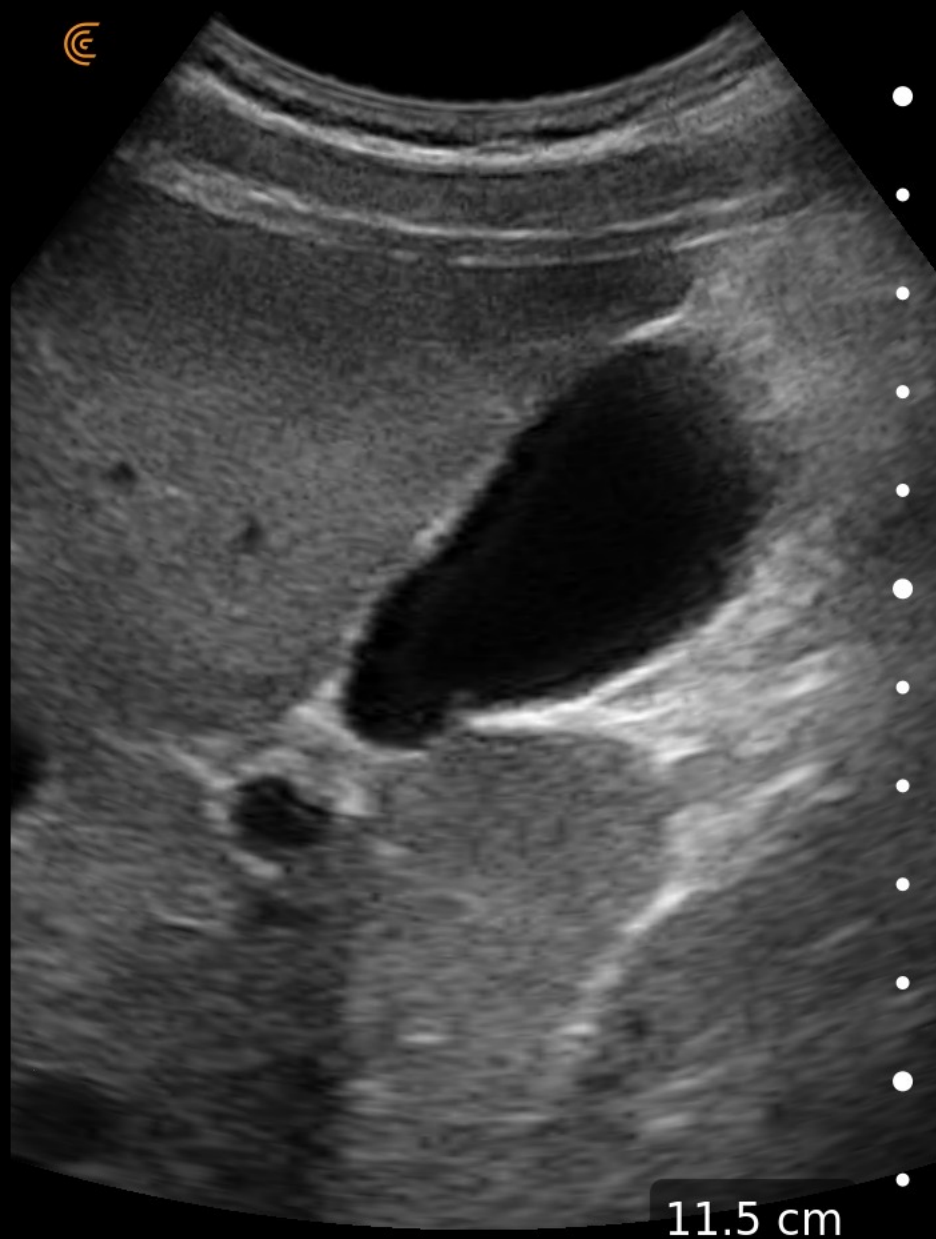




07/05/2021 20:24:46

Dr Virginia Robinson Inc

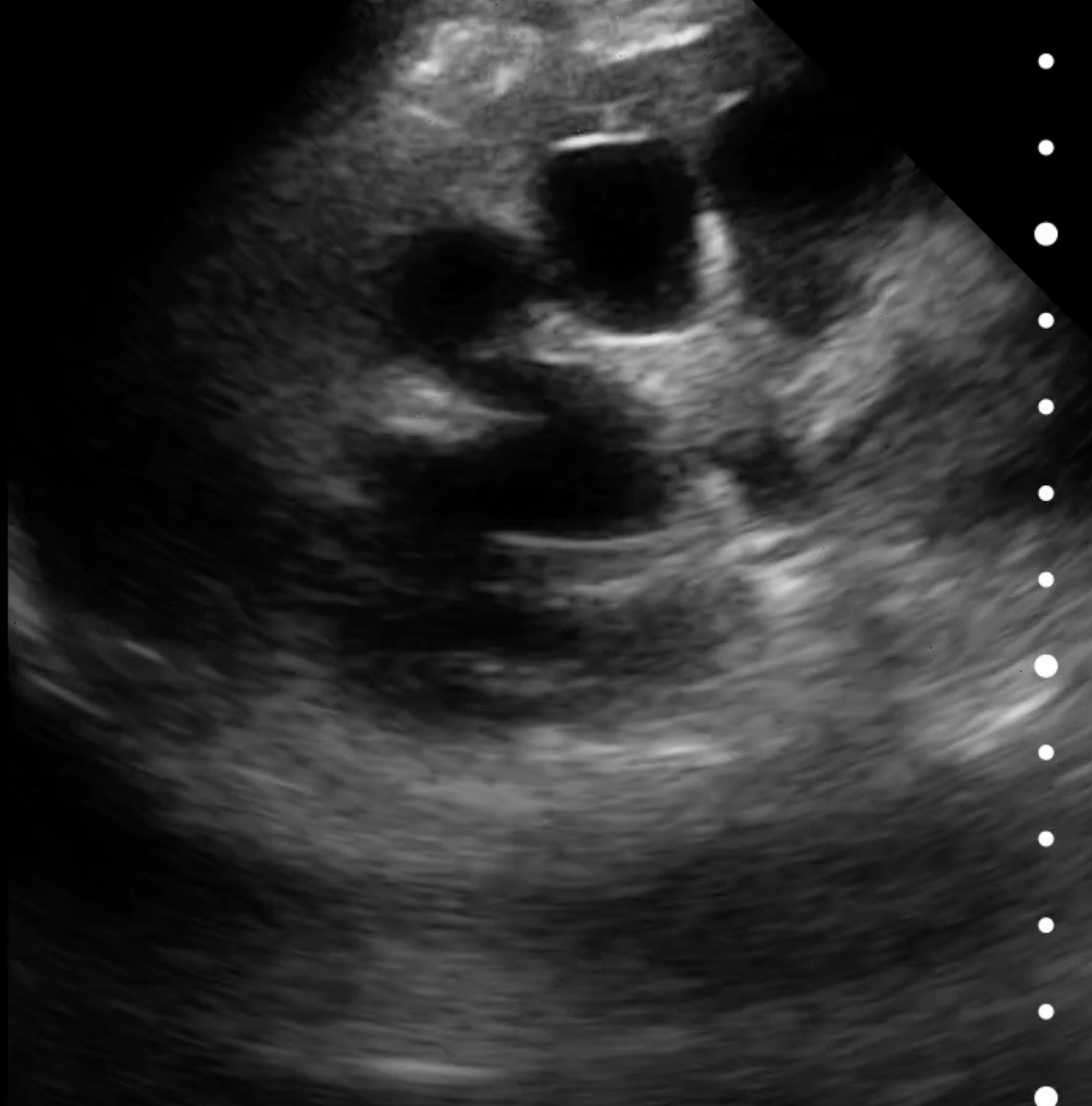




My Back Hurts!

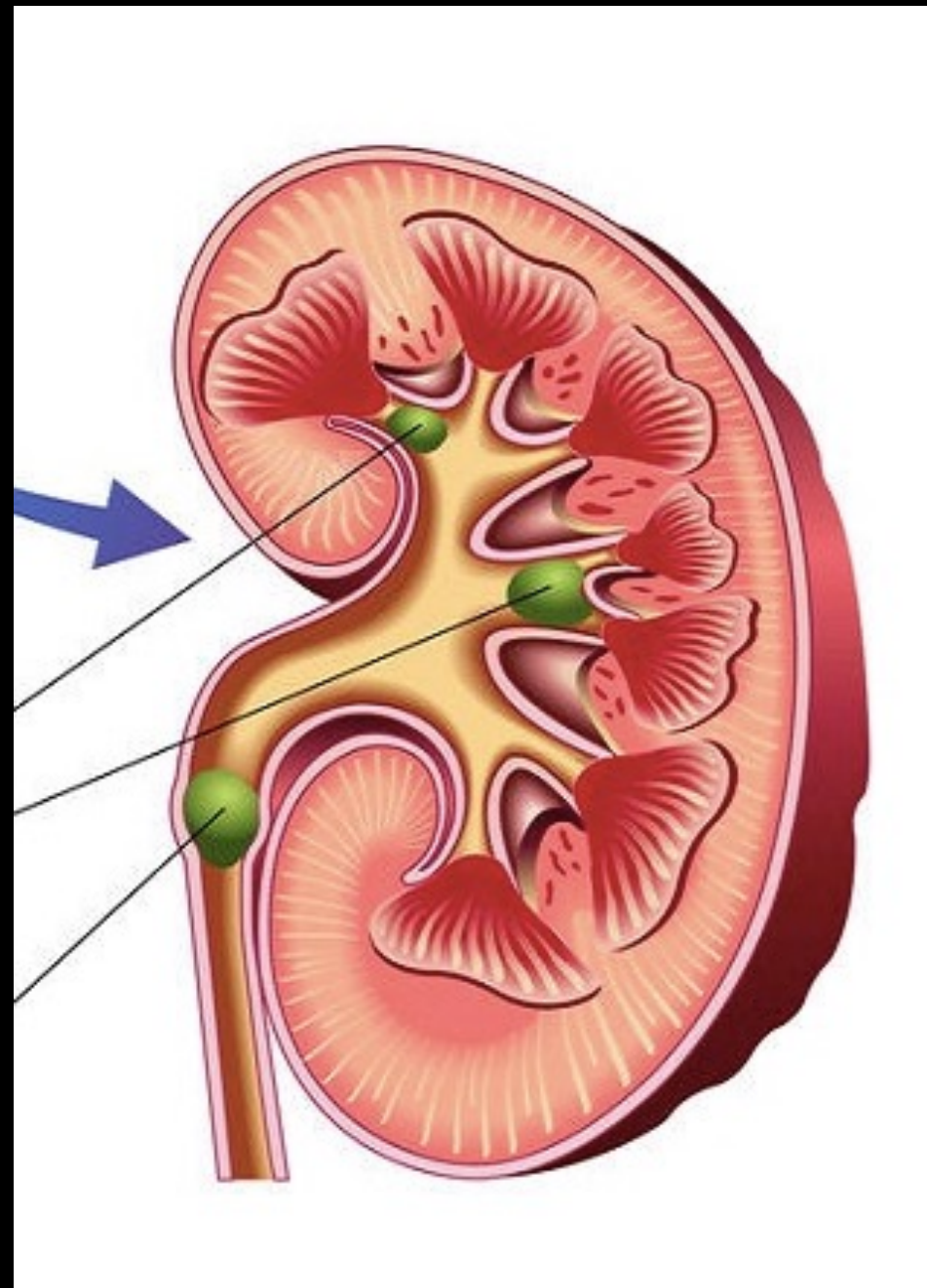
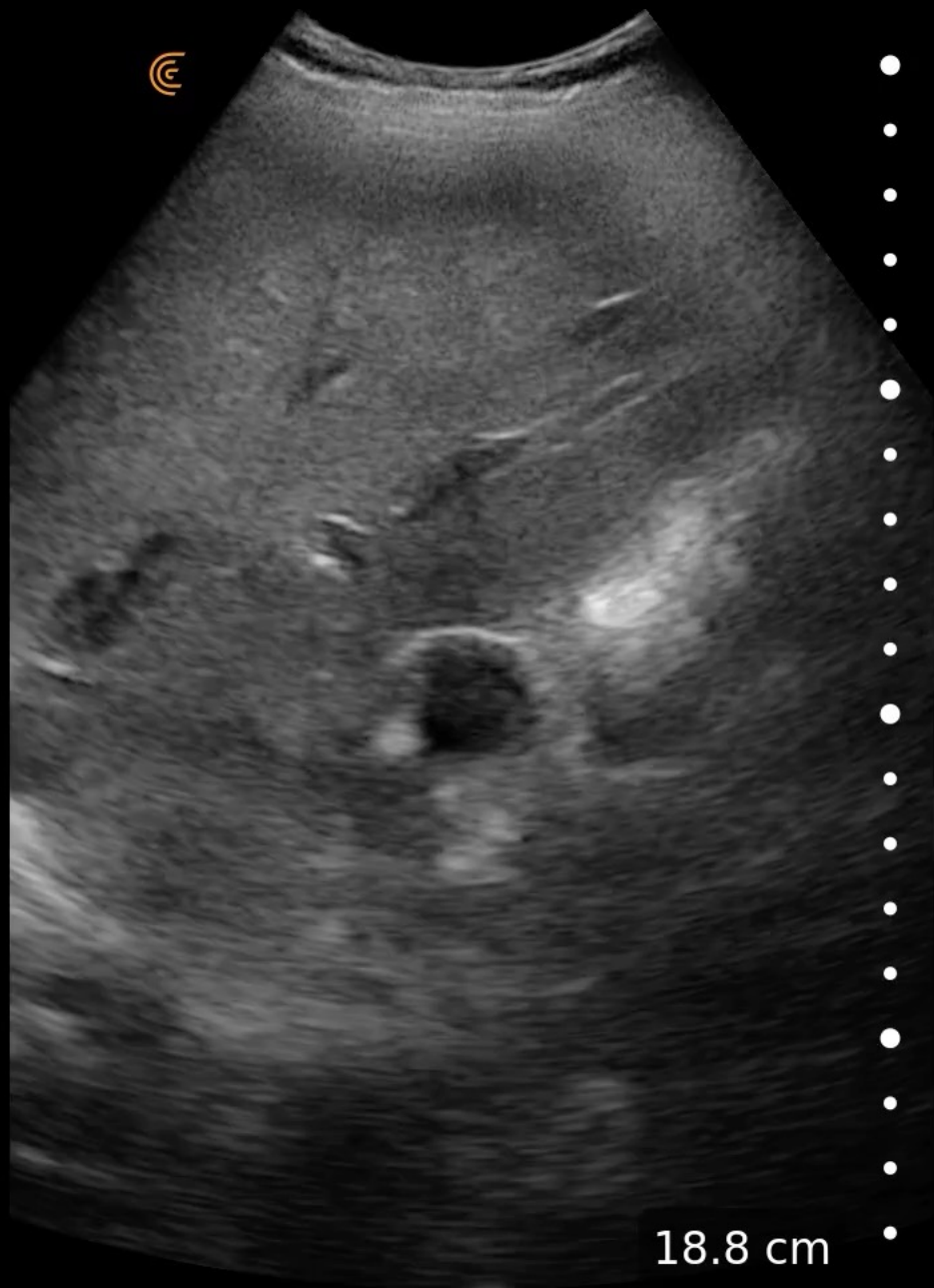


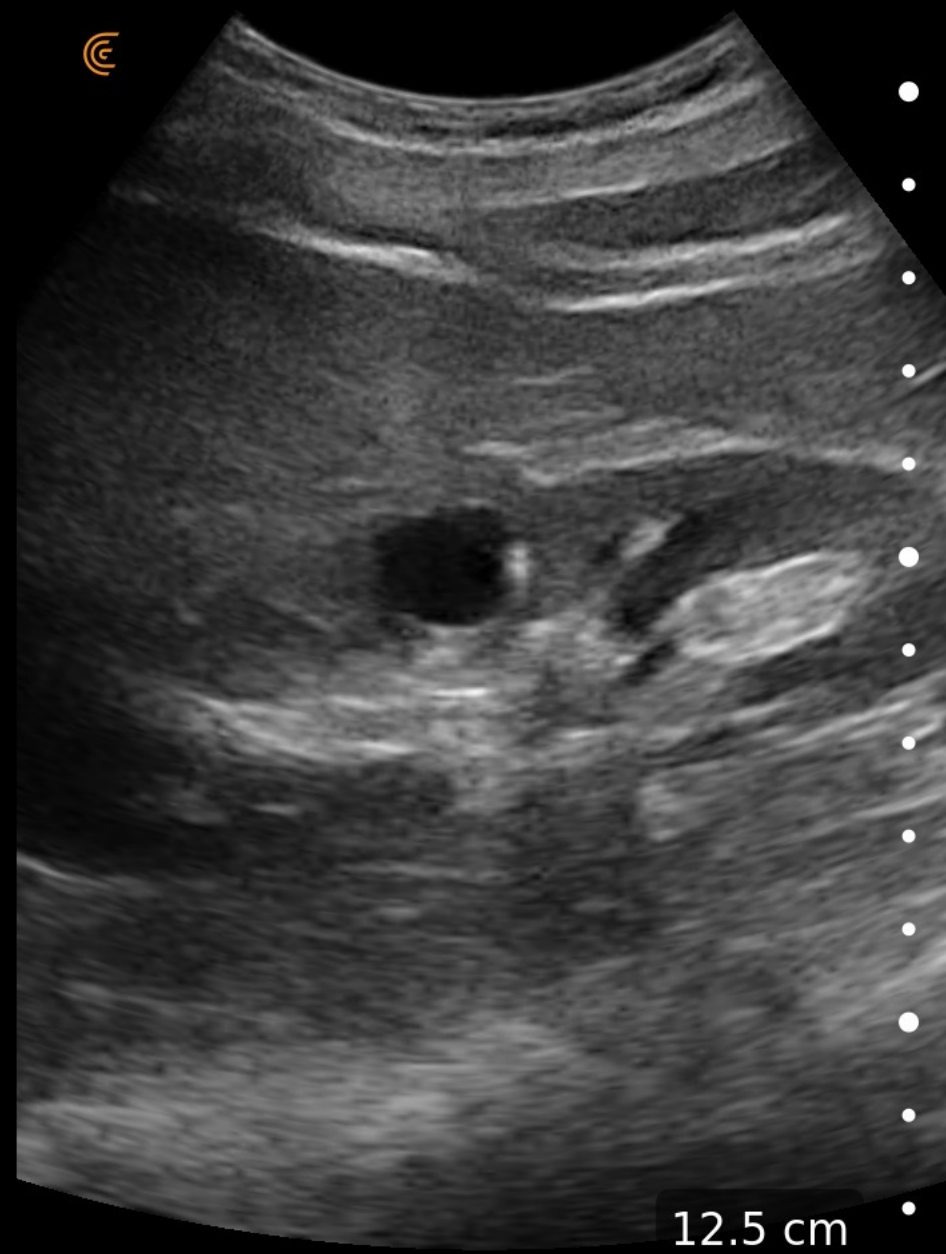






17.3 cm





12.5 cm



Association of Abdominal Aortic Aneurysm and simple renal cysts

Annals of Vascular Surgery. Giannopolous, S. et al. February 2021

5 Ways Ultrasound Has Helped My Practice

1. Faster diagnosis (often in 5 minutes on the 1st visit).
2. More accurate diagnosis.
3. More rapid patient treatment.
4. Better patient care.
5. Increased patient confidence and satisfaction.



Shane Arishenkoff, MD, FRCPC

Vancouver, BC, Canada

“ With no cords and portable size, the Clarius device will be very easy to bring to the bedside and to go from one patient to the next. I’m impressed with the ability to use the convex transducer as a phased array to capture very good cardiac images. It’s convenient to use one scanner for the abdomen, lungs and the heart. ”

Live Demo

Clarius C3 HD Multipurpose



Clarius C3 HD Multipurpose

Wireless Freedom

High-Definition Image

Easy & Affordable

Full-body imaging

Free Clarius Cloud

Works on iOS & Android

SOON! Auto Preset AI



Poll

What additional
information would
you like?



Poll: Pre-Register

NEXT FREE WEBINAR

POCUS for COVID and Beyond: Diagnosing Lung, Cardiac and Thromboembolic Diseases

Tuesday, June 15th

2 PM Pacific | 5 PM Eastern

Questions?



Dr. Robinson



Dr. Frenkel



Thank you!

