



ThinkSono

# Building The Future of Ultrasound





# The 5 barriers to Universal Access to Ultrasound



Lack of ultrasound device



Lack of training



Lack of supervision



Lack of time



Lack of quality assurance

Removed by



ThinkSono

These barriers result in increased cost, lower standard of care and limited diagnosis.



# ThinkSono AI Solution

ThinkSono **enables** any healthcare professional to use ultrasound.

ThinkSono uses AI to **guide a user** to perform an ultrasound scan, it enables **easy training, supervision and quality assurance**.

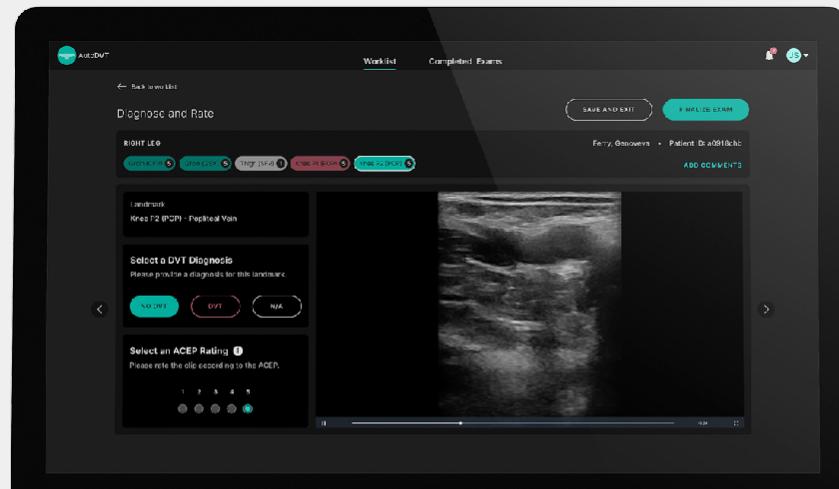
The image displays four screenshots of the ThinkSono AI Solution mobile application interface, showing the workflow from exam completion to ultrasound guidance.

- Screenshot 1:** Shows a confirmation message: "The right leg exam has been finalized." with a large green checkmark icon.
- Screenshot 2:** Shows the "Select Compression Point" screen. It lists five options: GROIN - P1 (Duration: 00:16, Attempt: 1/3), CROIN - P2 (Duration: 00:16, Attempt: 1/3), KNEE - P1 (Duration: 00:12, Attempt: 3/3), KNEE - P2 (Duration: 00:23, Attempt: 1/3), and THIGH (Duration: 00:21, Attempt: 1/3). Each option has a "REPLAY" button. An "OPTIONAL" section is also present.
- Screenshot 3:** Shows an ultrasound image of a Groin region. The interface includes a progress bar (1/3), patient information (Patient ID: 43445..., Body Type: Slim), and a timer (07s). A green crosshair is overlaid on the image.
- Screenshot 4:** Shows a video thumbnail of a healthcare professional performing a Groin ultrasound. Below the thumbnail, the text "Groin ultrasound device placement" and "The exam starts in the groin region. Position the patient and probe as shown in the picture above." is displayed, along with a "CONTINUE" button.



# ThinkSono AI Solution

With ThinkSono AI, ultrasound scans can also be accessed on the ThinkSono Cloud Dashboard. This is good for **safety, evidence taking** and **quality assurance** for hospitals.

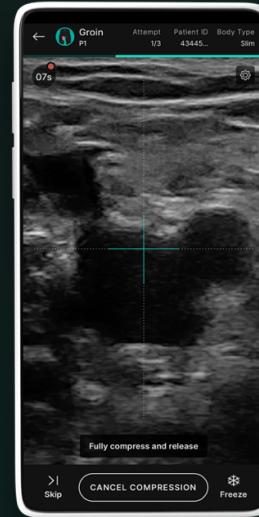
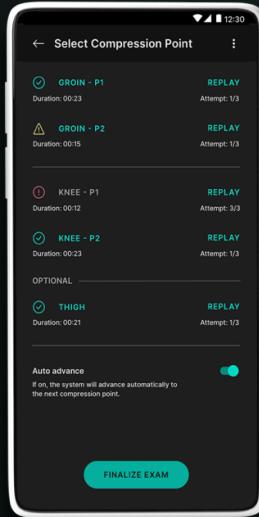
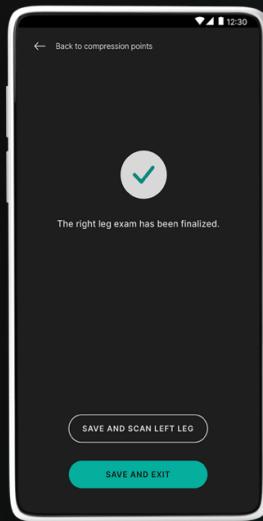


# ThinkSono AI's first Application: *AutoDVT*

- AutoDVT enables any healthcare professional (e.g. nurse, emergency doctor, junior doctor...) to detect DVT at the point of care.
- It does this by providing automatic guidance for the user to perform a proximal compression ultrasound scan.
- The whole exam can take between 5-15 minutes.

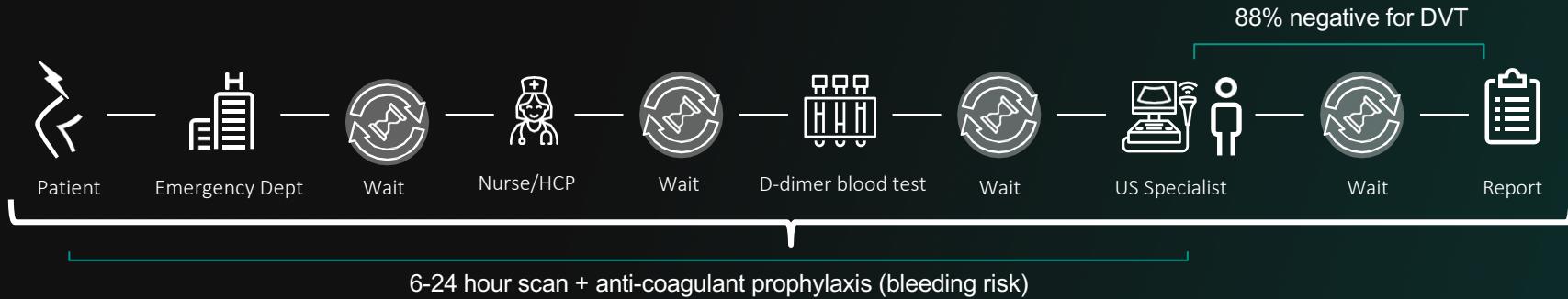


Clarius HD device with smartphone



ThinkSono AI App with AutoDVT

# AutoDVT improves DVT clinical pathway



## Advantages:

- Reduced waiting time: 6 hours to 15min.
- Reduced diagnostic cost.
- Done at the point of care.
- No anti-coagulant prophylaxis needed.



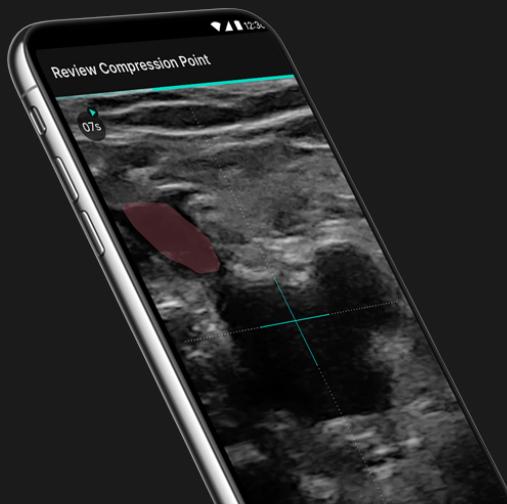


# Clinical Applications

Our first application

## AutoDVT

Deep vein thrombosis detection



Future applications

## AutoEFAST

Extended Focused Assessment  
with Sonography in Trauma

## AutoAAA

Abdominal aortic aneurism (AAA)

## AutoSAFE

Wrist fracture detection

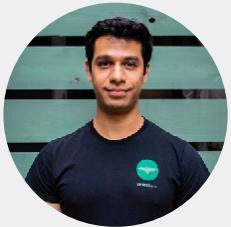
## AutoCS

Carotid stenosis

... and many more applications are also possible to build on the ThinkSono AI platform!



# Company Leadership



Fouad Al Noor  
**Co-founder & CEO**

Fouad has an MEng in Nanotechnology. He leads clinical trials, partnerships and product.



Sven Mischkewitz  
**Co-founder & CTO**

Sven has a BSc in Computer science. He is the product architect and manages the engineering team.



Prof. Bernhard Kainz  
**Machine Learning Consultant**

Prof. Kainz is an associate professor at Imperial College London. He leads the mobile machine learning development.



Prof. Mattias Heinrich  
**Machine Learning Consultant**

Prof. Heinrich is an associate professor at the University of Lübeck. He leads the 3D machine learning development.



Dr. Ramin Mandegaran  
**Radiologist & Clinical Advisor**

Dr Mandegaran is a consultant radiologists with vast experience, in particular with ultrasound.



**Imperial College  
London**





# Key Advisors and Board Members



Gregg Sando,  
**Investor and Board  
member**

Founded Cell Medica in 2005 (now Kuur) as one of the first cellular immunotherapy. Raised equity financing totaling £130 million from Seed to Series C with participation of US and UK investors.



Marc Barlow  
**Ex GE Healthcare  
Commercial Advisor**

Marc has worked extensively within the pharmaceutical and medical device industry, with a career spanning 22 years across devices and pharmaceuticals. Marc was head of GE Healthcare's Global Strategic Marketing.



Prof Efthymios Avgerinos  
**Professor of Surgery  
University of Pittsburgh**

Prof. Avgerinos has authored or co-authored more than 200 peer reviewed publications and chapters on vascular surgery with a focus on DVT.



Dr Nicola Curry  
**Consultant Haematologist,  
Oxford University Hospital**

Dr Curry is the Head of Department for the Oxford Thrombosis Centre. She is the Chief investigator for the ThinkSono's clinical trials.



Interested?  
Contact [fouad@thinksono.com](mailto:fouad@thinksono.com)