

Speeding up VTI Fluid Responsiveness Assessments

VTI holds great potential, but it presents challenges to EM and CC users

-  Timely evaluation of fluid responsiveness is crucial for precise diagnosis and management...
-  ...and VTI to evaluate fluid responsiveness has distinct advantages, but it requires advanced training to administer quickly and effectively.
-  Even advanced practitioners don't administer VTI successfully all the time.

Source: Betcher, J., Majkrzak, A., Cranford, J. et al. Crit Ultrasound J (2018) 10: 10.



*Internal testing conducted by Dr. Thomas Villan of Hospital Universitario La Paz in Madrid showed that GE Venue's Auto VTI feature may enable clinicians to perform VTI testing more quickly compared with doing the assessment manually.

Time to Image Acquisition (seconds) in a recent study

Method	Time (seconds)
Manual VTI	38.8
Venue™ Auto VTI	9.29

A survey of Venue customers finds agreement that Venue may lead to fast VTI assessments, with significant clinical benefits.

Fast diagnoses

"There's no question the machine helps people reach conclusions faster. The value is in the speed."

Effective management

"We can come earlier to a diagnosis. As we use Venue more, I think we'll start to see valuable benefits like fewer chest x-rays."

High efficiency

"[Because these tests take less time] I am able to do more. I can't be everywhere at once in the ICU. This increases my efficiency."

New approaches

"In the ICU we are managing patients over time. Being able to take a measurement every 15 minutes would be very useful."

Venue enables rapid VTI assessment through advanced features that simplify and automate.

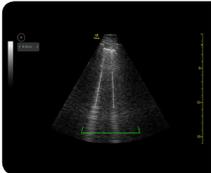
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Image Acquisition
Venue automations assist clinicians to optimize the heart, lung and IVC views using intelligent scan quality indicators.
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Automation
VTI contains multiple steps that can be automated so that a clinically useful result is available quickly.
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Trending
Venue stores the images or quantitative results and enables a time series analysis so that changes over time can be tracked.

