

What is hemodynamic ultrasound?

It is the science of directly visualizing cardiac filling and function over time to assess the appropriate interventions for critically ill patients recovering from trauma, surgery, or cardiac interventions.

- The ImaCor Method (hTEE) made a direct, therapeutic impact in 66 percent of patients (*Vieillard-Baron*, 2013)
- hTEE improved hemodynamics in 80 percent of patients (*Fletcher*, 2015)
- Using hTEE, RV failure was diagnosed in almost 70 percent of patients (*Fletcher*, 2015)

"The ImaCor hTEE method is a great way to make sure what you think is happening is actually happening."

Joseph Love, DO, Memorial Hermann Hospital





Why is hemodynamic ultrasound so important?

Because, for your highest-risk patients, cardiac function may change dramatically in a matter of minutes – and probably while you're waiting for test results you submitted 15 minutes ago. Yes, in that time, your patient would have benefited from increased inotropic support. Or a vasopressor. Or a mechanical ventilation adjustment.

How the hTEE probe works

The flexible probe is the size of an NG tube and cleared for 72 hours indwelling.



"The more we use hTEE and actually see the heart, the less willing we are to rely on pressure assumptions."

C. Lee Parmley, MD, Vanderbilt University Medical Center

