

The Smallest and Lightest Ultrasound system in the World that will replace the 200 year old Stethoscope



Ultrasound System and computer weighs less than 2 pounds with a three hour run time

Emergency Medicine

FAST Scanning (Focused Assessment Sonography of Trauma) Protocol

This ultrasound protocol is intended to identify/rule out internal bleeding in the abdomen. InNovaSound's ease of use, speed of start up, and portability is ideally suited for the FAST protocol, whether by an Emergency Medical Technician at the accident site or an Emergency Medicine Physician in an Emergency Department.

Obstetric triage exams

Obstetric triage exams in an Emergency Department or by an Emergency Medical Technician in the field can be completed by the InNovaSound USB Ultrasound probes because of the portability, ease of use, and connectivity. In Obstetric triage exams the viability of the fetus is evaluated by visualizing the functioning fetal heart and free fluid outside of the womb.

InNovaSound USB Ultrasound probe for Trans Abdominal scanning



Trans abdominal scanning

3.5MHz (focal point 7.5cm Max depth 20cm)

5.0MHz (Focal point 6cm – Max depth 15cm)

Arterial line placements can be a challenge particularly in trauma cases. There is a growing belief that ultrasound should be used to visualize the artery before the line placement, as well as a confirming image documenting the placement.

InNovaSound USB Ultrasound probe for vascular access (line placements)



Vascular imaging

7.5MHz/12MHz/15MHz/24MHz (focal points 2.5cm – Max depth 5.0cm)

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Ophthalmic imaging

Ultrasonic assessment of the optic nerve sheath diameter has demonstrated to be effective in determining dangerous levels of intra-cranial pressure. This simply and quick measurement of the optic nerve sheath from an ultrasound image is effective in determining if intra-cranial pressure is at life threatening levels.

Ophthalmic exams in Emergency Departments are typically done to rule out foreign objects in the ear. This is a very basic exam and ideally suited for the ease of use, portability and affordability of the InNovaSound Ophthalmology probe.

Ophthalmic imaging probe



Ophthalmic scanning
12MHz (Focal point 1.7cm – Max Depth 6 cm)

Ear, Nose & Throat

The evaluation of the thyroid and thyroid masses is a common clinical procedure that occurs every day in most Ear, Nose & Throat practices. If patients present with possible masses on their thyroid it is common to what is called a "Fine Needle Aspiration" (FNA). This procedure is can be done more quickly and confidently with the assist of ultrasound guidance.

InNovaSound USB Ultrasound probe for small parts imaging



7.5MHz SR Probe
7.5MHz/12MHz/15MHz/24MHz (focal points 2.5cm – Max depth 5.0cm)

Vascular Access

Vascular access is a rapidly growing clinical service. Patients who have permanent or semi permanent arterial line placements, such as dialysis patients or geriatric patients with thin vessel walls present substantial challenges to have needed arterial lines placements. Dialysis Centers either provide specialized vascular access services or are affiliated with a vascular access service. Senior Living Centers will typically have an outside vascular access service that visits the patient, on-site, to provide the vascular access service.

InNovaSound USB Ultrasound probe for vascular access (line placements)



7.5MHz SR
7.5MHz/12MHz/15MHz/24MHz (focal points 2.5cm – Max depth 5.0cm)

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Obstetrics and Gynecology

Most OB/GYN practices will already have a sophisticated ultrasound system. In many practices, there is an opportunity to have InNovaSound USB Ultrasound available to any exam room for quick viewing of fetal positioning. In very busy OB/GYN practices InNovaSound is an ideal secondary or back up ultrasound solution. InNovaSound is also an affordable ultrasound solution for all Labor and Delivery Departments in any hospital. The InNovaSound trans abdominal probes work well for fetal positioning and viewing the fetal heart.

InNovaSound USB Ultrasound probe for Trans Abdominal scanning



Trans abdominal scanning

3.5MHz (focal point 7.5cm - Max depth 20cm)

5.0MHz (Focal point 6cm – Max depth 15cm)

InNovaSound USB Ultrasound probe for endo-cavity scanning



Endo-cavity scanning (end-fire)

7.5MHz (Focal point 2.5cm – Max depth 10cm)

Ophthalmology

The InNovaSound Ophthalmology probe is excellent for posterior eye (retinal), general assessment of the orbit and optic nerve. Ophthalmologists have traditionally been responsible for accessing general eye health. Recently optometrists have begun providing basic eye health exams and appreciate the affordability and ease of use of the InNovaSound USB Ultrasound System for ophthalmology.

InNovaSound USB Ultrasound probe for ophthalmologic imaging



Ophthalmic scanning

12MHz (Focal point 1.7cm – Max Depth 6 cm)

Urology

The InNovaSound endo-cavity probe has been well received in urology practices for prostate examination and biopsies. The affordability, ease of use and true portability, with image quality comparable to more expensive and larger ultrasound units have been significant advantages and benefits.



Endo-cavity scanning (end-fire)

7.5MHz (Focal point 2.5cm – Max depth 10cm)

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Proctology

The InNovaSound endo-cavity 360 degree probe has been designed specifically for the ultrasonic assessment of the anal sphincter and rectum. The affordability, ease of use and true portability, with image quality comparable to more expensive and larger ultrasound units have been significant advantages and benefits.



**Endo-cavity 360 degrees scanning (side-fire)
7.5MHz (Focal point 2.5cm – Max depth 10cm)**