

Vscan Extend™ with Dual Probe

Indications Reference Guide

Deep scanning transducer

Vscan Extend with Dual Probe is indicated for ultrasound imaging, measurement, and analysis of the human body in clinical applications that include...

CLEARED APPLICATION	ANATOMY	EVALUATION
Abdominal ultrasound (adult & pediatric)	<ul style="list-style-type: none"> • Aorta • Gall bladder • Kidney • Liver • Spleen 	<ul style="list-style-type: none"> • Aortic aneurysm • Gall stone • Kidney stones or fluid • Hepatomegaly • Splenomegaly • Peritoneal fluid
Urology ultrasound (adult & pediatric)	<ul style="list-style-type: none"> • Urinary bladder • Kidney/ureter 	<ul style="list-style-type: none"> • Bladder dysfunction • Post-renal obstruction • Pre-post bladder volume
Cardiac ultrasound (adult & pediatric)	<ul style="list-style-type: none"> • Left ventricular function • Myocardium septum wall • Inferior vena cava • Mitral valve function • Aortic valve function • Pericardium 	<ul style="list-style-type: none"> • Left ventricular dysfunction • Left ventricular hypertrophy • Dilatation • Valve open & closure • Pericardial fluid
Fetal/obstetrics & gynecology	<ul style="list-style-type: none"> • Fetal position • Fetal heart beat • Amniotic Fluid • Placenta • Uterus 	<ul style="list-style-type: none"> • Breech • Visualize heart motion • Fluid levels • Position • Fibroids
Thoracic/lung ultrasound (adult & pediatric)	<ul style="list-style-type: none"> • A, B, E lines • Lung sliding • Lung point 	<ul style="list-style-type: none"> • Pleural effusion • Acute lung injury including pneumo- or hemothorax • Alveolar interstitial • Lung consolidation <ul style="list-style-type: none"> – Pneumonia or pneumonitis – Pulmonary fibrosis • Acute respiratory distress syndrome
Cephalic	<ul style="list-style-type: none"> • Cerebral vessels 	<ul style="list-style-type: none"> • Flow
Procedure guidance	<ul style="list-style-type: none"> • Heart • Lung • Abdomen • Uterus • Thorax 	<ul style="list-style-type: none"> • Fluid detection including: pericardial, pleural, peritoneal, amniotic • Procedures: thoracentesis, pericardiocentesis, paracentesis, and amniocentesis



Shallow scanning transducer

Vscan Extend with Dual Probe is indicated for ultrasound imaging, measurement, and analysis of the human body in clinical applications that include...

CLEARED APPLICATION	ANATOMY	EVALUATION
Peripheral vascular	<ul style="list-style-type: none"> • Veins including the following examples: femoral/saphenous/popliteal/basilic, brachiocephalic/jugular • Arteries including the following examples: carotid/subclavian/femoral/popliteal/brachial/radial, vertebral 	<ul style="list-style-type: none"> • Deep vein thrombosis • Atherosclerosis • Subclavian steal syndrome
Thoracic/lung ultrasound	<ul style="list-style-type: none"> • A, B, E lines • Lung sliding • Lung point 	<ul style="list-style-type: none"> • Pleural effusion • Acute lung injury including pneumo-or hemothorax • Alveolar interstitial • Lung consolidation <ul style="list-style-type: none"> – Pneumonia or pneumonitis – Pulmonary fibrosis • Acute respiratory distress syndrome
Small organs	<ul style="list-style-type: none"> • Thyroid 	<ul style="list-style-type: none"> • Cyst/mass • Fluid
Musculoskeletal (conventional)	<ul style="list-style-type: none"> • Hip/knee joints • Femur • Humerus/elbow • Tibia/fibula • Radius/ulna 	<ul style="list-style-type: none"> • Fluid • Cyst/mass • Long bone fracture
Procedure guidance	<ul style="list-style-type: none"> • Jugular • Subclavian • Brachial/basilic • Femoral 	<ul style="list-style-type: none"> • Procedures: thoracentesis, central line, peripheral lines • Support insertion and monitor position of chest tubes/catheters • Fluid detection
Ophthalmic*	<ul style="list-style-type: none"> • Optic nerve sheath • Retina 	<ul style="list-style-type: none"> • Vitreous hemorrhage • Retinal detachment

* Ophthalmic not available in USA, China, and Japan

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Data subject to change.

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