

## × TESTS: ULTRASOUND

- Echocardiography
- Cardiac Doppler / Color Flow
- Carotid Duplex / Color Flow
- Peripheral Vascular / Color flow
- Abdominal / Aorta
- Breast Sonogram
- Thyroid Sonogram
- Male Pelvis and Scrotum
- Peripheral Arterial Evaluation
- Lower Extremity Venous Imaging
- Carotid / Vertebral Artery Imaging
- Upper Extremity Venous Imaging
- Doppler in Renal Artery Stenosis
- Liver Sonogram
- Retroperitoneal with Aorta
- Gallbladder Sonogram
- Pelvic Sonogram
- Renal Sonogram
- Spleen Sonogram



## NERVE CONDUCTION VELOCITY

- Upper Somatosensory Evoked Potential (USEP)
- Lower Somatosensory Evoked Potential (LSEP)

### Lakeside Diagnostics Center

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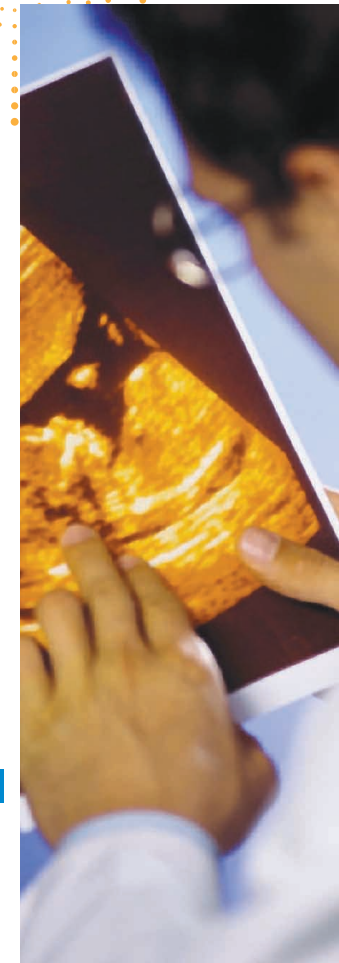
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# Lakeside

DIAGNOSTICS CENTER

A MOBILE DIAGNOSTIC COMPANY



*Lakeside Diagnostics Center, Inc. provides a wide range of mobile and skilled diagnostic services to patients in medical clinics, doctor's offices, nursing homes and hospitals.*

*We deliver professional, individualized services suited to the particular needs of the patient and their physician.*

## × ULTRASOUND

### *What is Ultrasound?*

Ultrasound produces images of soft tissue and internal motion through the use of sound waves. This procedure has been safely used for many years and provides information without the risk of surgery or the use of x-rays. Ultrasound detects certain diseases and gives more detail on conditions, often earlier than is possible with other methods.

### *How is Ultrasound used as a diagnostic tool?*

**Heart and Blood Vessel Disease** – Ultrasound can locate problems such as aneurysms (enlargement of artery walls which can lead to internal bleeding), blood clots, arteriosclerosis and can evaluate cardiac anatomy and function.

**Growth Abnormalities** - Ultrasound is used to locate abnormal growths (tumors, cysts, etc) when they are small and more easily treatable, and to help determine the best the best method of treatment.

**Pregnancy** – Ultrasound is used to determine delivery date, monitor fetal development, identify possible complications, presence of multiple births and needle guidance during amniocenteses procedures.

### *How does Ultrasound work?*

A transducer which produces and receives silent, high frequency sound waves is placed against the body and slowly passed over the area to be examined. The transducer separates and identifies the different echoes produced by the fluid, tissue, blood and bone. These echoes are changed into electrical energy by the transducer which shows up as images on a screen.

### *What is involved in the procedure?*

Ultrasound examination is not painful. You may be asked to drink fluids and / or avoid gas producing foods prior to the exam. Further instructions are listed on your referral sheet and will be clarified during the scheduling process. Once you arrive for your exam, a lubricant (acoustic coupling) may be applied to the appropriate area for improved imaging. A certified technologist will perform the exam. Films and / or photographs of the images are often taken for further study. Results are read by our board certified radiologists who send the findings to your physician.

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administered by our technician, to further assist our specialist to evaluate test results.

Ultrasound imaging is used extensively for evaluating the kidneys, liver, gallbladder, etc. Doppler ultrasound is an excellent diagnostic tool in the study of major vessels of the body and structures of the heart.

## × NERVE CONDUCTION VELOCITY

ELECTRODIAGNOSTIC TESTING IS VALUABLE IN DIAGNOSIS OF:

- Brachial plexus injuries • Neuromuscular disease
- Peripheral nerve lesions • Disk prolapse • Spinal cord lesions • Thoracic outlet syndrome • Double crush injury
- Carpal tunnel syndrome • Nerve root entrapment
- Spinal cord stenosis • Nerve root stretch injury • Lumber plexus injuries



## × ORDER A TEST

Ordering a test and scheduling for testing is fast and easy, per call. Per physician request, a referral form must be completed. Lakeside Diagnostics Center, Inc. will provide each physician with all necessary forms.

Our highly skilled staff of licensed technicians then travels to your medical site to perform the prescribed tests.

Test results are then immediately submitted to our board certified radiologist or neurologists for interpretation. Our report turn around is prompt. Stat reports will be faxed or e-mailed to your facility.

Patient information on preparation for an ultrasound test will be furnished by Lakeside Diagnostics Center, Inc.

Most testing takes 20 to 45 minutes to complete. A simple, quick questionnaire is required from the patient and



## × WHY ORDER A NERVE CONDUCTION TEST?

1. Nerve testing used to be a painful and costly ordeal: Now is it a simple, painless and cost effective test that is performed in your office by a medical technician.
2. Prevent permanent nerve damage: The nerve conduction testing system indicates nerve dysfunction before permanent damage is caused.
3. Nerves are invisible: Nerves cannot be seen on X-Ray, MRI or CT scans. Testing nerve functions is the only way to know what is actually occurring within the nerve and determine which nerve may cause permanent damage.
4. Pain is not always where it seems: Nerves cross-over and interconnect in such a way that pain in one area often originates from a pinched or irritated nerve in a distant area, relatively far from the symptoms.
5. Target the exact problem: Armed with information derived from nerve testing, you are able to locate the specified nerve causing related symptoms.

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