

## Nerve Conduction Velocity (NCV) Test

Your child has been scheduled for a Nerve Conduction Velocity (NCV) in the Neuroscience Center at Children's Hospital of Wisconsin Clinics Building:

on \_\_\_\_\_ at \_\_\_\_\_ am / pm

Please stop at a Welcome desk in the Clinics building for a badge and directions.

### What is a Nerve Conduction Velocity (NCV) test?

The nerves in our bodies have electric impulses running through them. The NCV test measures how well the impulses run through the nerves. It helps the doctor see if your child has any nerve damage.

### How is the test done?

- Your child will lie down on a table. Recording sticker electrodes will be put on your child's arm or leg. Wires from the electrodes will be attached to a machine.
- The technologist or doctor will use a small object called a stimulator to touch your child's skin. Your child will feel a tingle. When this happens, the machine will measure how fast the impulse traveled along the nerve. The NCV test takes about 30 to 40 minutes.



### What follow-up care is needed?

No follow-up care is needed.

### Test results

A specially trained doctor will review the results of the NCV test with you when it is done. Your child's doctor will then get a written report of the results within 7 to 10 days.

**ALERT:** Call your child's doctor, nurse, or clinic if you have any questions or concerns or if your child has special health care needs that were not covered by this information.

**This teaching sheet is meant to help you care for your child. It does not take the place of medical care. Talk with your healthcare provider for diagnosis, treatment, and follow-up.**