

# NERVE FIBERS IN YOUR SKIN CAN TELL A DEEPER STORY ABOUT YOUR HEALTH.



Scientists have discovered that when a certain kind of abnormal protein appears in specific areas of your skin, it can be a sign of a central nervous system disorder.

**The good news:** An advanced test using a simple skin biopsy taken at your doctor's office can help provide the information needed to make the best decisions about your health.

## WHAT IS THE TEST?

The test looks for abnormal proteins inside the nerves in your skin. Everyone has a useful protein in their body called synuclein (sin-NEW-klee-in), but in some people, the protein may take on an abnormal form and can accumulate within the nerves in the brain, spinal cord and those nerves that reach all the way to the skin. When this abnormal protein accumulates it can cause problems in the way your central nervous system works.

Scientists at CND Life Sciences (CND) have been working for more than 10 years to create the new Syn-One Test™ to detect abnormal synuclein in the nerve cells in your skin.

## HOW IS THE TEST DONE?

Your doctor will give you lidocaine to numb your skin, take three (3) small biopsy samples (about ¼ the size of a pencil eraser), and cover the areas with a bandage. If your doctor doesn't normally do this kind of test, CND can help them get started.

Your skin samples will be sent to a lab where medical pathology experts at CND will examine them. Your doctor will get the results in 2-3 weeks.

## WHAT CAN THE TEST TELL ME?

The test will tell your doctor if your skin has abnormal synuclein by visualizing the specific presence of the protein in nerve fibers. The results can help your doctor determine if you have what is called a *synucleinopathy*, which may be one of the following medical conditions:

- Parkinson's disease
- Dementia with Lewy bodies
- Multiple system atrophy
- Pure autonomic failure
- REM sleep behavior disorder

## WHY SHOULD I GET TESTED?

If your doctor suspects you may have one of the conditions listed above, the results of the Syn-One Test, along with your complete health history and clinical features, can help provide a more confident diagnosis. The test results may even shorten the time to a correct diagnosis by months or years—which means you and your doctor can get started on making the best choices for your health.

## IS THE TEST COVERED BY INSURANCE?

CND is a Medicare and Tricare participating provider and has in-network contracts with a growing list of commercial health plans and other insurance carriers. Since health benefits may vary amongst programs and plans, CND's billing team can assist in determining your specific benefits coverage before your physician orders the Syn-One Test and performs a skin biopsy. CND also offers self-pay options as needed for the uninsured and underinsured.

Ask your doctor about the Syn-One Test.

## IF YOU OR YOUR DOCTOR HAVE ANY QUESTIONS ABOUT THE TEST:

☐ Give us a call at  
(480) 569-2900

✉ Send us a note at  
[info@cndlifesciences.com](mailto:info@cndlifesciences.com)

☐ Visit us at  
[www.cndlifesciences.com](http://www.cndlifesciences.com)

**CND**   
Life Sciences™  
Diagnostic Insights for Life