



Epidermal Nerve Fiber Density Testing (ENFD)

A Simple Test for Small Fiber Neuropathy

Small Fiber Neuropathy (SFN) affects the small nerve fibers responsible for sensations such as pain and temperature.

Symptoms may include burning, tingling, numbness, pain, or unusual sensations, often beginning in the feet or hands. Because these small nerve fibers are not always evaluated by routine nerve testing, additional testing may be recommended.

What Can Cause Small Fiber Neuropathy?

Small fiber neuropathy may be associated with a variety of conditions, including:

- Diabetes or prediabetes
- Vitamin deficiencies
- Certain infections
- Celiac disease
- Medication or toxin exposure
- Hereditary conditions
- Autoimmune or connective tissue disorders

How is Small Fiber Neuropathy Diagnosed?

Epidermal Nerve Fiber Density (ENFD) testing uses small skin samples to evaluate the tiny nerve fibers within your skin.

The samples are examined to determine whether the number and distribution of nerve fibers are consistent with small fiber neuropathy. Your healthcare provider will interpret the results along with your symptoms and medical history.

Why EmeritusDX?

- Board-Certified Pathologists
- Dedicated Client Support
- Flexible Service Options
- TAT: 7-10 Days
- CAP-Accredited
- CLIA-Certified

Specimens Required:

2–4 punch biopsies for ENFD

Submission: Place biopsies in appropriate fixative and include a completed EmeritusDX requisition form.

Service Model Options: Full Pathologist Interpretation or Technical-Only Service.

