



Home → Health Topics → Diabetic Nerve Problems

URL of this page: <https://medlineplus.gov/diabeticnerveproblems.html>

Diabetic Nerve Problems

Also called: Diabetic neuropathy

If you have diabetes [<https://medlineplus.gov/diabetes.html>] , your blood glucose, or blood sugar [<https://medlineplus.gov/bloodglucose.html>] , levels are too high. Over time, this can damage the covering on your nerves or the blood vessels that bring oxygen to your nerves. Damaged nerves may stop sending messages, or may send messages slowly or at the wrong times.

This damage is called diabetic neuropathy. Over half of people with diabetes get it. Symptoms may include:

- Numbness in your hands, legs, or feet [<https://medlineplus.gov/diabeticfoot.html>]
- Shooting pains, burning, or tingling
- Nausea, vomiting, constipation, or diarrhea
- Problems with sexual function
- Urinary problems
- Dizziness when you change positions quickly

Your doctor will diagnose diabetic neuropathy with a physical exam and nerve tests. Controlling your blood sugar can help prevent nerve problems, or keep them from getting worse. Treatment may include pain relief and other medicines.

NIH: National Institute of Diabetes and Digestive and Kidney Diseases

Start Here

- Nerve Damage (Diabetic Neuropathies) [<https://www.niddk.nih.gov/health-information/diabetes/overview/preventing-problems/nerve-damage-diabetic-neuropathies>]  (National Institute of Diabetes and Digestive and Kidney Diseases)
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/diabetes/informacion-general/prevenir-problemas/neuropatias-diabeticas>]
- Peripheral Neuropathy [<https://www.ninds.nih.gov/health-information/disorders/peripheral-neuropathy>]  (National Institute of Neurological Disorders and Stroke)
Also in Spanish [<https://www.ninds.nih.gov/es/health-information/disorders/neuropatia-periferica>]

Symptoms

- Symptoms of Peripheral Neuropathy [<https://www.foundationforpn.org/symptoms/>] (Foundation for Peripheral Neuropathy)

Diagnosis and Tests

- Autonomic Testing [<https://medlineplus.gov/lab-tests/autonomic-testing/>]  (National Library of Medicine)
Also in Spanish [<https://medlineplus.gov/spanish/pruebas-de-laboratorio/pruebas-autonomicas/>]

Treatments and Therapies

- Therapies for Treating Diabetic Nerve Pain [<https://www.aan.com/Guidelines/home/GetGuidelineContent/481>] (American Academy of Neurology) - **PDF**

Related Issues

- Your Feet and Diabetes [<https://www.cdc.gov/diabetes/diabetes-complications/diabetes-and-your-feet.html>] (Centers for Disease Control and Prevention)

Specifics

- Additional Types of Neuropathy [<https://diabetes.org/about-diabetes/complications/neuropathy/additional-types-neuropathy>] (American Diabetes Association)
- Autonomic Neuropathy [<https://www.mayoclinic.org/diseases-conditions/autonomic-neuropathy/symptoms-causes/syc-20369829?p=1>] (Mayo Foundation for Medical Education and Research)
Also in Spanish [<https://www.mayoclinic.org/es/diseases-conditions/autonomic-neuropathy/symptoms-causes/syc-20369829?p=1>]
- Diabetes, Sexual, and Bladder Problems [<https://www.niddk.nih.gov/health-information/diabetes/overview/preventing-problems/sexual-bladder-problems>]  (National Institute of Diabetes and Digestive and Kidney Diseases)
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/diabetes/informacion-general/prevenir-problemas/sexuales-urologicos>]
- Gastroparesis [<https://www.niddk.nih.gov/health-information/digestive-diseases/gastroparesis>]  (National Institute of Diabetes and Digestive and Kidney Diseases)
Also in Spanish [<https://www.niddk.nih.gov/health-information/informacion-de-la-salud/enfermedades-digestivas/gastroparesia>]

Clinical Trials

- ClinicalTrials.gov: Diabetic Neuropathies [<https://clinicaltrials.gov/search?cond=%22Diabetic+Neuropathies%22&aggFilters=status:not%20rec>]  (National Institutes of Health)

Journal Articles

References and abstracts from MEDLINE/PubMed (National Library of Medicine)

- Article: Bibliometric Analysis: Insights Into the Podiatric Medicine Landscape of Diabetic Sensory... [<https://www.ncbi.nlm.nih.gov/pubmed/40708097>]
- Article: A Study on the Pattern of Spinal Cord Involvement in Type... [<https://www.ncbi.nlm.nih.gov/pubmed/40705292>]
- Article: Combined Associations of Type 2 Diabetes and Peripheral Neuropathy With Device-Measured... [<https://www.ncbi.nlm.nih.gov/pubmed/40696847>]
- Diabetic Nerve Problems -- see more articles [<https://pubmed.ncbi.nlm.nih.gov/?term=%22Diabetic+Neuropathies%22%5Bmajr%3Anoexp%5D+AND+humans%5Bmh%5D+AND+english%5Bla%5D+AND+%22last+1+Year%22+%5Bdat%5D+NOT+%28letter%5Bpt%5D+OR+case+reports%5Bpt%5D+OR+editorial%5Bpt%5D+OR+comment%5Bpt%5D%29+AND+free+full+text%5Bsb%5D+>]

Find an Expert

- American Diabetes Association [<https://diabetes.org/>]
- National Institute of Diabetes and Digestive and Kidney Diseases [<https://www.niddk.nih.gov>] 
- National Institute of Neurological Disorders and Stroke [<https://www.ninds.nih.gov>] 
- NIDDK Information Clearinghouses and Health Information Center [<https://www.niddk.nih.gov/health-information/community-health-outreach/information-clearinghouses>]  (National Institute of Diabetes and Digestive and Kidney Diseases)

Patient Handouts

- Cranial mononeuropathy III - diabetic type [<https://medlineplus.gov/ency/article/000692.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000692.htm>]
- Diabetes and nerve damage [<https://medlineplus.gov/ency/article/000693.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000693.htm>]

- Nerve damage from diabetes - self-care [<https://medlineplus.gov/ency/patientinstructions/000326.htm>] (Medical Encyclopedia)
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MEDICAL ENCYCLOPEDIA

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Related Health Topics

[Diabetes](https://medlineplus.gov/diabetes.html) [<https://medlineplus.gov/diabetes.html>]

[Diabetes Complications](https://medlineplus.gov/diabetescomplications.html) [<https://medlineplus.gov/diabetescomplications.html>]

[Diabetic Foot](https://medlineplus.gov/diabeticfoot.html) [<https://medlineplus.gov/diabeticfoot.html>]

[Peripheral Nerve Disorders](https://medlineplus.gov/peripheralnervedisorders.html) [<https://medlineplus.gov/peripheralnervedisorders.html>]

National Institutes of Health

The primary NIH organization for research on *Diabetic Nerve Problems* is the National Institute of Diabetes and Digestive and Kidney Diseases [<https://www.niddk.nih.gov>]

Other Languages

Find health information in languages other than English [<https://medlineplus.gov/languages/diabeticnerveproblems.html>] on *Diabetic Nerve Problems*

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