

The Joslin Diabetes Center



By: Scarlett O'Meara, Alilia Leon, Vyanka Mezcord, and Brandon Hall

Table of Contents

- Diabetic Neuropathy
- Symptoms
- Who does it Affect?
- Failed treatments
- Oxygen Supplier

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Symptoms and Significance

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Thank You!



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- Thecasesolutions.com



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Symptoms and Significance



Bibliography

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Table of Contents

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What Is Diabetic Neuropathy?

Chronic nerve damage due to high blood glucose levels. The term 'neuropathy' covers a wide area and many nerves, but the problem it causes depends on the type of nerves that are affected:

- Sensory nerves
- Motor nerves
- Autonomic nerves



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Symptoms and Significance



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Symptoms

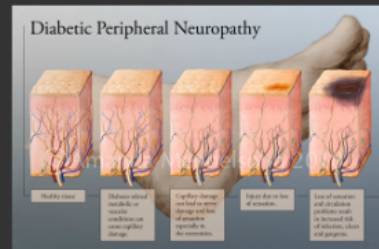
- Tingling in the hands or feet.
- Stabbing pains, numbness in the hands or feet.
- Weak, heavy feeling in the arms and legs.
- Buzzing or shocking sensation.
- Drop in blood pressure.
- Constipation; digestive difficulty.
- Excessive sweating.



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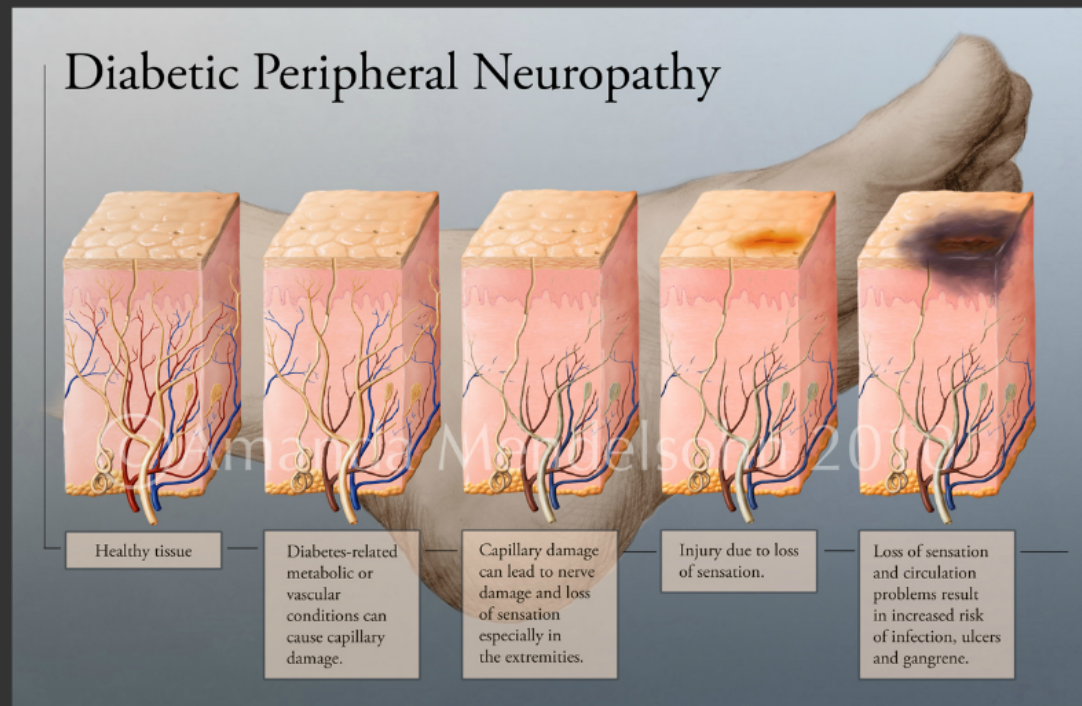
Who Does it Affect?

- Diabetic Neuropathy affects 60% to 70% of diabetics.
- Anyone can develop diabetic neuropathy, but it most commonly affects people who've had diabetes for a decade or so.



Who Does it Affect?

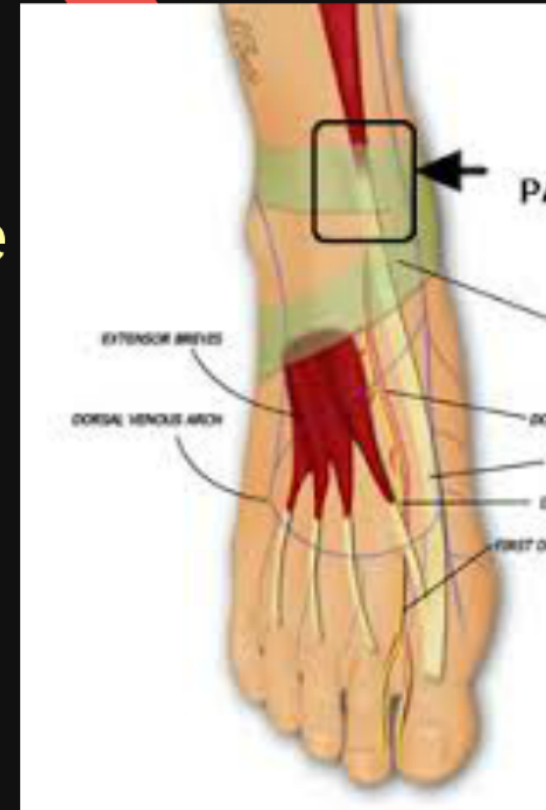
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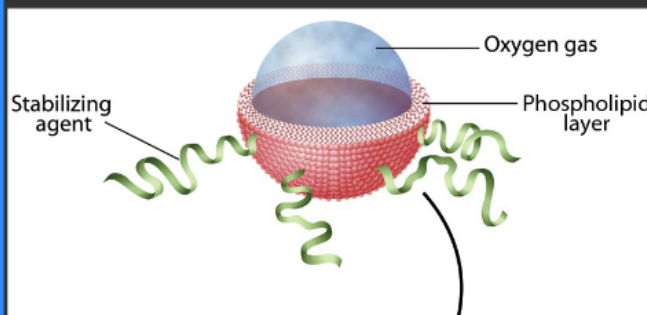
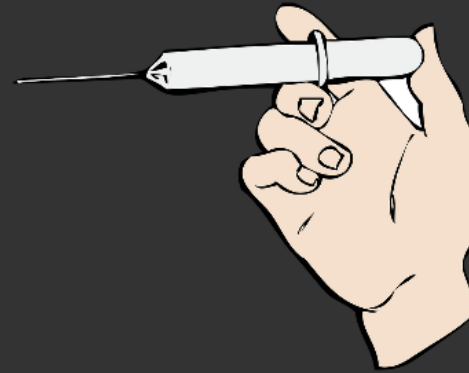
Failed Treatments

- Medications: pain relievers, anti-seizure medications and antidepressants.
- Therapies such as: transcutaneous electrical nerve stimulation, plasma exchange and intravenous immune globulin, and physical therapy.
- Alternative medicine: acupuncture, alpha-lipoic acid, and herbs.



Oxygen Supplier

- What nerves need to be healthy and work properly:
 - oxygen
 - nutrients
- Our Product:
 - The Oxygen Supplier
 - Injects oxygen and nutrients to the capillaries to be transported to nerves.



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