

# More research needed to determine if Ozempic is linked to condition causing blindness

## Description

A recent study published in JAMA Ophthalmology suggests that people taking Ozempic and Wegovy may face an increased risk of developing a serious eye condition that could lead to permanent vision loss. The condition, known as non-arteritic anterior ischemic optic neuropathy (NAION), affects the optic nerve and can result in sudden blindness. While the study found a higher rate of NAION in patients prescribed semaglutide (the active ingredient in Ozempic and Wegovy), more research is needed to confirm a direct link.

Experts caution that individuals with diabetes, obesity, or overweight status may already be at risk for vision problems, including NAION. Weight loss medications, like Ozempic and Wegovy, could potentially exacerbate these risks, although further studies are required to establish a definitive connection. Patients are advised to consult with their healthcare provider if they have concerns about potential side effects.

## Vocabulary List:

1. **Ischemic** /ɪ'ski:.mɪk/ (adjective): Relating to a restriction in blood supply to tissues.
2. **Neuropathy** /nʊə'rɒp.ə.θi/ (noun): A disease or dysfunction of one or more peripheral nerves.
3. **Optic** /'ɒp.tɪk/ (adjective): Relating to the eye or vision.
4. **Exacerbate** /ɪg'zæs.ər.beɪt/ (verb): To make a problem bad situation or negative feeling worse.
5. **Prescription** /prɪ'sk्रɪp.ʃən/ (noun): An instruction written by a medical professional for the preparation and administration of a remedy.
6. **Consult** /kən'sʌlt/ (verb): To seek advice or information from someone especially an expert.

## Comprehension Questions

### Multiple Choice

1. Which serious eye condition is linked to the use of Ozempic and Wegovy according to the study?  
Option: Glaucoma  
Option: Cataracts



Option: NAION

Option: Macular degeneration

2. Which group of individuals are mentioned to be at risk for vision problems in the text?

Option: Athletes

Option: Vegetarians

Option: Individuals with diabetes or obesity

Option: Teenagers

3. What is the primary impact of NAION on individuals according to the text?

Option: Sudden weight loss

Option: Permanent vision loss

Option: Increased energy levels

Option: Improved hearing

4. Which medication contains the active ingredient semaglutide?

Option: Ozempic

Option: Advil

Option: Tylenol

Option: Benadryl

5. What is recommended for patients concerned about potential side effects according to the text?

Option: Ignoring the symptoms

Option: Consulting their healthcare provider

Option: Stopping all medications immediately

Option: Self-diagnosing

6. Which eye nerve is affected by NAION?

Option: Optic nerve

Option: Olfactory nerve

Option: Facial nerve

Option: Auditory nerve

## Answer

**Multiple Choice:** 1. NAION 2. Individuals with diabetes or obesity 3. Permanent vision loss 4. Ozempic 5. Consulting their healthcare provider 6. Optic nerve

## Vocabulary quizzes

**Multiple Choice ( Select the Correct answer for each question. )**

1. What is a product that is added to the diet to make up for a nutritional deficiency?

- Option: Concentration
- Option: Supplement
- Option: Prevalent
- Option: Epidemic

2. Which term refers to the process of the body breaking down substances to obtain energy?

- Option: Consult
- Option: Metabolize
- Option: Susceptibility
- Option: Vigilant

3. What are measures taken in advance to prevent something dangerous or inconvenient?

- Option: Life-threatening
- Option: Precautions
- Option: Permeability
- Option: Physiological

4. Which term means to make a problem bad situation or negative feeling worse?

- Option: Evaluation
- Option: Ischemic
- Option: Neuropathy
- Option: Exacerbate

5. What is a written instruction from a medical practitioner that authorizes a patient to be provided a medicine or treatment?

- Option: Consult
- Option: Interventions
- Option: Attribute
- Option: Prescription

6. Which term refers to regard something as being caused by someone or something?

- Option: Alleviate
- Option: Survival
- Option: Formidable
- Option: Attribute

7. What is the making of a judgment about the amount number or value of something?

- Option: Inflammatory
- Option: Consult

Option: Evaluation

Option: Symptoms

8. Which term refers to the science of light and vision?

Option: Ischemic

Option: Neuropathy

Option: Optic

Option: Anxiety

9. What is the state or fact of continuing to live or exist typically in spite of an accident or deal or difficult circumstances?

Option: Survival

Option: Anxiety

Option: Formidable

Option: Optic

10. Which term refers to disease or dysfunction of one or more peripheral nerves typically causing numbness or weakness?

Option: Neuropathy

Option: Ischemic

Option: Anxiety

Option: Exacerbate

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. The \_\_\_\_\_ of the active ingredient in the medication was too high.

12. The patient has a high \_\_\_\_\_ to allergies.

13. The doctor prescribed an \_\_\_\_\_ diet to reduce swelling and pain.

14. It is important to be \_\_\_\_\_ about monitoring your health regularly.

15. The disease can be \_\_\_\_\_ through contact with bodily fluids.

16. Obesity is a \_\_\_\_\_ issue in many developed countries.

17. The patient's condition was considered \_\_\_\_\_ and required immediate intervention.

18. The \_\_\_\_\_ of the cell membrane allows for the passage of certain substances.

19. Regular exercise has positive effects on both the physical and \_\_\_\_\_ aspects of



health.

20. Excessive worry and uneasiness are common symptoms of \_\_\_\_\_ disorders.

21. The team faced a \_\_\_\_\_ opponent in the final match of the tournament.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

22. The chef added each to the recipe with precision.

23. The liver helps to drugs and other substances in the body.

24. Before starting any new exercise program it is advisable to a fitness expert.

25. The patient experienced severe coughing and fever as initial of the illness.

26. The doctor diagnosed the patient with heart disease.

27. The ophthalmologist specializes in treating diseases of the nerve.

28. The wilderness expert taught the group essential skills for outdoor .

29. In critical cases immediate medical are necessary to save lives.

30. The team's success was largely to their strong teamwork and dedication.

31. Applying ice to the injury can help to the pain and swelling.

## Answer

**Multiple Choice:** 1. Supplement 2. Metabolize 3. Precautions 4. Exacerbate 5. Prescription 6. Attribute 7. Evaluation 8. Optic 9. Survival 10. Neuropathy

**Gap-Fill:** 11. concentration 12. susceptibility 13. inflammatory 14. vigilant 15. transmitted 16. prevalent 17. life-threatening 18. permeability 19. physiological 20. anxiety 21. formidable

**Matching sentence:** 1. ingredient 2. metabolize 3. consult 4. symptoms 5. ischemic 6. optic 7. survival 8. interventions 9. attribute 10. alleviate

## CATEGORY

1. Health - LEVEL1

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