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Internal communication activities - Quiz

1. What is the typical initial symptom of Leber's Hereditary Optic Neuropathy (LHON)?⁽¹⁾

B) Sudden, painless loss of central vision.

2. Describe the classic pattern of vision loss in LHON affecting both eyes.⁽¹⁾

B) One eye loses central vision rapidly, followed by the other eye within weeks to months.

3. What specific type of vision do individuals living with LHON usually retain, allowing for some independent mobility?⁽²⁾

C) Some amount of peripheral vision.

4. What is the approximate male-to-female ratio among individuals affected by LHON vision loss?⁽³⁾

C) 25% female; 75% male

5. LHON is classified as what type of disease and what is its primary cause?⁽²⁾

■ C) A mitochondrial disease usually caused by one or more pathogenic genetic mutations in the mitochondria.

■ 6. What type of test usually determines if a person carries an LHON mutation and confirms the diagnosis?⁽⁴⁾

C) A genetic test.

7. List three environmental factors that LHON experts suggest affected and unaffected carriers avoid.⁽⁴⁾

C) Smoke (all forms) and Alcohol.

8. According to the source, why do people with LHON often "not look blind"?⁽⁵⁾

A) Their eyes appear physically normal and they may not use mobility aids.





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9. What is the primary purpose of haptic feedback, such as controller vibration, in gaming, especially for players with visual impairments?

B) To convey information and offer tactile cues through vibrations, enhancing immersion and awareness.

10. How does binaural audio primarily benefit players with visual impairments in video games?

C) By enhancing spatial awareness and the directionality of sounds, significantly aiding navigation and understanding of the game world.



References

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4. Yu-Wai-Man P and Chinnery PF. Leber Hereditary Optic Neuropathy. 2000
5. LHON 101, section 7 "explaining LHON"; <https://www.lhon.org/lhon-101> accessed on 25/07/2025