

## **FunFacts**

- "Ever heard of a superhero sidekick for your eyes? It's called good blood sugar control, and it's crucial for preventing diabetic retinopathy!"
- "Did you know that blurry vision isn't always a sign you need glasses? It could be a clue to diabetic retinopathy!"



- "Your retina is like a high-tech camera capturing the world around you. DR can damage this camera, affecting your vision."
- "Early detection of DR is like catching a villain before they cause major mayhem. Regular eye exams are your secret weapon!"

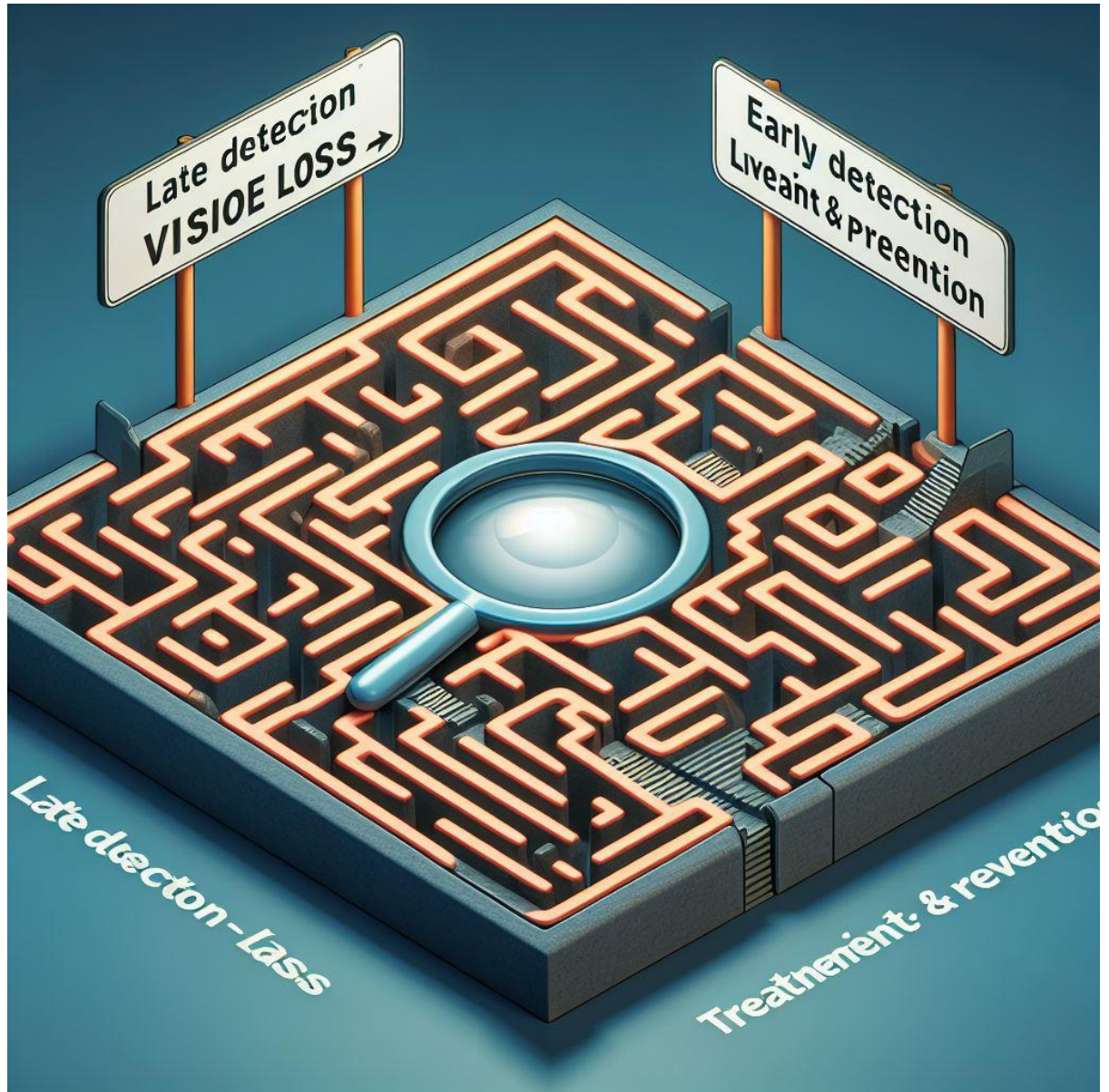
- "Believe it or not, astronauts are at higher risk for DR due to microgravity's effect on blood flow – space travel just got a little less glamorous!"
- "Imagine your retina as a delicate spiderweb. High blood sugar can damage the tiny threads, affecting how well you 'see' the world."



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- "Don't let DR steal your sight! Share these facts and schedule an eye exam today. Your future self will thank you!"
- "Fight the blurry monster of DR! Spread awareness and get your eyes checked. Let's keep vision loss out of the picture!"
  - "DR doesn't cause any pain in the early stages, so regular eye exams are crucial!"
  - "Believe it or not, good blood sugar control is like a superhero cape for your eyes!"
  - "Early detection of DR is a total game-changer – treatment can often prevent vision loss."



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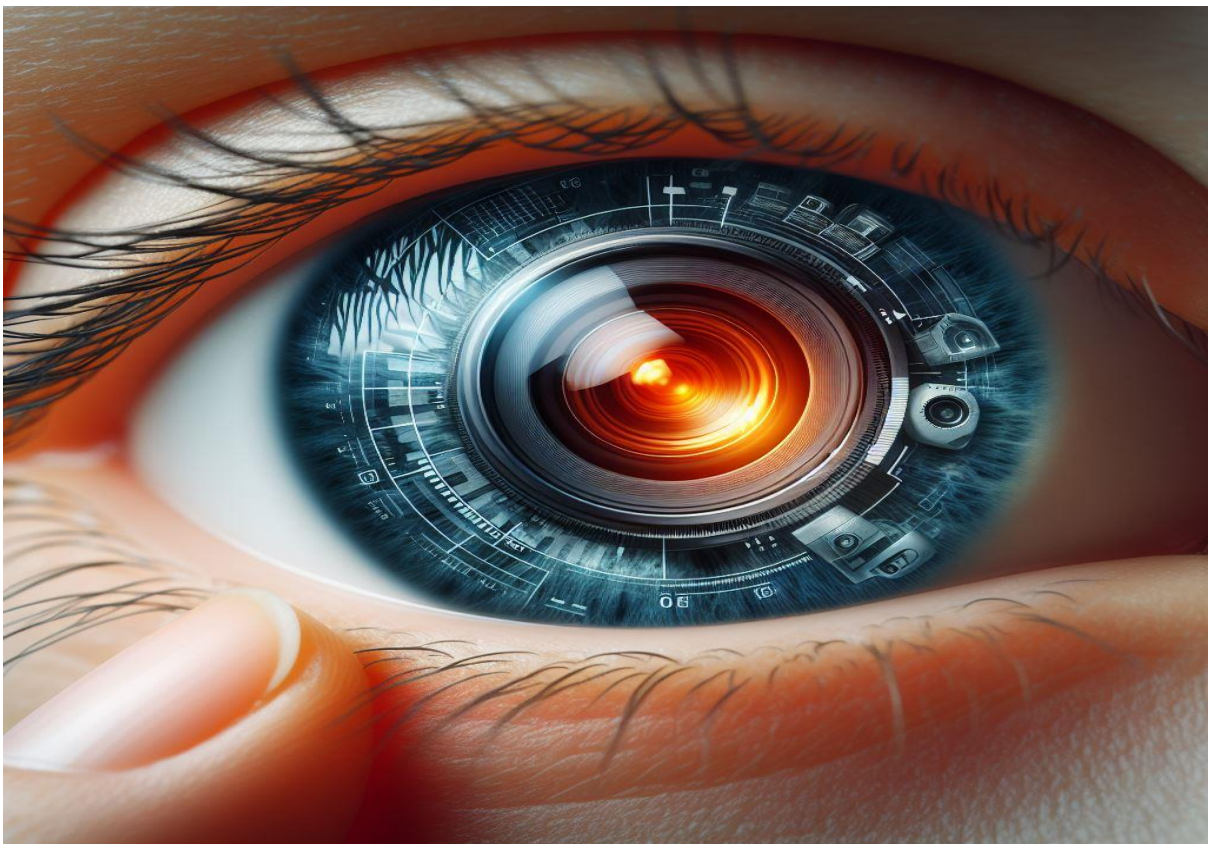


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- Historical facts :  
The German ophthalmologist who documented the first case of diabetic retinopathy in 1856 was Eduard von Jaeger. He was a prominent figure in the field of ophthalmology,

known for his contributions to the development of the ophthalmoscope, a revolutionary instrument used to examine the inside of the eye.

Jaeger's documentation of the case likely involved detailed written descriptions and possibly even hand-drawn illustrations of the observed retinal changes. Back then, photography wasn't widely used in medicine.

. In 1856, diabetes was already understood as a metabolic disorder, but the connection between high blood sugar and its long-term effects on the eyes was not fully established. Jaeger's observation likely helped pave the way for further research into diabetic retinopathy.



Improved diagnostics: Development of retinal photography, fluorescein angiography (a technique to visualize blood flow in the retina), and optical coherence tomography (a high-resolution imaging technique) have allowed for earlier and more accurate diagnosis of DR. Laser treatments: Laser photocoagulation has become a mainstay treatment for DR, helping to prevent vision loss by sealing leaking blood vessels and reducing abnormal blood vessel growth.

Anti-VEGF injections: These injections deliver medications that target specific growth factors, further helping to manage DR by controlling abnormal blood vessel growth.