

Cancer treatments—including **chemotherapy, radiation, immunotherapy, targeted therapy, and hormone therapy**—can cause a range of **eye and vision problems**. These side effects may vary depending on the type of treatment and the individual, but commonly reported issues include:

- **Sensitivity to light**
- **Eye pain**
- **Blurry vision**
- **Loss of peripheral vision**
- **Dry eyes**
- **Watery eyes**
- **Red and swollen eyelids**
- **Changes in color perception**
- **Floaters and flashes of light**
- **Accelerated development of cataracts**
- **Increased intraocular pressure (glaucoma), potentially leading to vision loss**[1326](#).

Some specific treatments, such as **tisotumab** (used for cervical cancer), can cause **corneal changes, dry eyes, eye redness, irritation, corneal ulcers, blurred vision, and changes in prescription needs**. These complications can be serious and may lead to vision loss if not addressed promptly[7](#).

Chemotherapy drugs can also:

- Cause **tear deficiency**, leading to discomfort and blurred vision.
- Promote **cataract formation**, reducing vision clarity.
- Cause **optic neuropathy** (damage to the optic nerve), which can impair vision[2](#).
- Result in **abnormal visual perceptions** (distorted vision, double vision, floaters) and varying degrees of eye pain[6](#).

Steroids used in cancer treatment may increase the risk of cataracts and, by raising blood sugar, can contribute to **diabetic retinopathy** (damage to the retina)[5](#). Some drugs, like **bisphosphonates**, may cause **conjunctivitis** and blurred vision[5](#).

Management and Monitoring:

- Report any new or worsening vision changes to your oncology team promptly.
- Regular eye examinations are recommended during and after treatment.
- Some side effects may resolve after treatment ends, but others (such as cataracts or optic nerve damage) may be permanent or require intervention[132](#).

For more detailed information, you can refer to the following PDF resources:

- [Fact Sheet on Possible Side Effects of Chemotherapy on Eyesight][2](#)
- [Eye and Vision Concerns During Cancer Treatment][3](#)
- [Eye Complications in Myeloma][5](#)

If you need these documents, you can search for their titles along with "PDF" to access them directly.

1. <https://www.cancercare.org/publications/466-eye-and-vision-concerns-during-cancer-treatment>
2. <https://cansa.org.za/files/2021/04/Fact-Sheet-on-Possible-Side-Effects-of-Chemotherapy-on-Eyesight-April-2021.pdf>
3. <https://media.cancercare.org/publications/original/original/466/Eye-and-Vision-Concerns-During-Cancer-Treatment-Booklet.pdf>
4. <https://www.sciencedirect.com/science/article/abs/pii/S2173579423001780>
5. <https://www.myeloma.org.uk/wp-content/uploads/2023/04/Myeloma-UK-Eye-complications-in-myeloma-Infosheet.pdf>
6. <https://journals.sagepub.com/doi/pdf/10.1177/107327481602300209>
7. <https://www.mskcc.org/pdf/cancer-care/patient-education/how-care-your-eyes-during-your-treatment-tisotumab-tivdak>
8. <https://pmc.ncbi.nlm.nih.gov/articles/PMC10478646/>