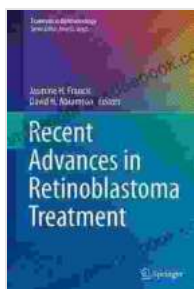


# Recent Advances in Retinoblastoma Treatment: Essentials in Ophthalmology

Retinoblastoma is a rare form of eye cancer that affects children. It is the most common type of cancer in children under the age of 5.



## Recent Advances in Retinoblastoma Treatment (Essentials in Ophthalmology) by Mirko Tos

★★★★★ 5 out of 5

Language	: English
File size	: 3596 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 142 pages
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Retinoblastoma is caused by a mutation in the RB1 gene. This gene helps to control the growth and division of cells. When the RB1 gene is mutated, it can lead to the development of retinoblastoma.

The symptoms of retinoblastoma can include:

- A white or yellow pupil
- A squint

- Poor vision
- Inflammation of the eye
- Pain in the eye

If you notice any of these symptoms in your child, it is important to see an ophthalmologist right away.

Retinoblastoma is a serious disease, but it can be treated successfully if it is diagnosed and treated early.

### **Treatment for retinoblastoma**

The treatment for retinoblastoma depends on the stage of the cancer.

In the early stages of retinoblastoma, the cancer may be treated with surgery. Surgery can remove the tumor and preserve the eye.

In the more advanced stages of retinoblastoma, the cancer may be treated with chemotherapy, radiation therapy, or targeted therapy.

Chemotherapy is a drug treatment that can kill cancer cells. Radiation therapy uses high-energy beams of radiation to kill cancer cells.

Targeted therapy is a newer type of treatment that uses drugs to target specific molecules that are involved in the growth and spread of cancer.

The goal of treatment for retinoblastoma is to preserve the eye and vision, and to prevent the cancer from spreading to other parts of the body.

### **Recent advances in retinoblastoma treatment**

In recent years, there have been a number of advances in the treatment of retinoblastoma.

These advances include:

- The development of new surgical techniques that can preserve the eye and vision
- The development of new chemotherapy drugs that are more effective and have fewer side effects
- The development of new radiation therapy techniques that are more precise and deliver less radiation to the healthy tissue around the tumor
- The development of new targeted therapy drugs that can specifically target the cancer cells

These advances have led to a significant improvement in the prognosis for children with retinoblastoma.

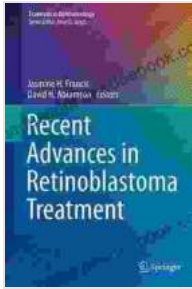
Retinoblastoma is a rare but serious form of eye cancer that affects children. However, with early diagnosis and treatment, the prognosis for children with retinoblastoma is good.

The recent advances in retinoblastoma treatment have led to a significant improvement in the prognosis for children with this disease.

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