Financial Disclosure

• I have no financial interests or relationships to disclose.
Summary

• Young child with unrelated cutaneous capillary hemangioma of infancy
• Found with retinoblastoma
• Chemoresistant
• Controlled with plaque radiotherapy
• Both eyes saved

Note: Plaque radiotherapy still plays a role in Rb management.
6-month-old girl with red cheek at age 2 months
Capillary hemangioma of infancy

Treatment with topical propranolol gel for 5 months elsewhere

What is your diagnosis?

Anything else wrong?
Right exotropia
Funny light reflex in pupil

Questions:

1. Can capillary hemangioma occur within the eye?  
   Yes

2. Can capillary hemangioma produce vitreous hemorrhage?  
   Very rare

Ok, let’s dilate and check fundus
Treatment choices

- Intravenous chemotherapy
- Intra-arterial chemotherapy
- Plaque radiotherapy
- External beam radiotherapy
- Enucleation

Treatment of choice for bilateral rb

Retinoblastoma Group C OD

Retinoblastoma Group B OS
After intravenous chemotherapy x 1 cycle
Tumors were regressed
Right eye recurrent subretinal seeds
Recommend Intra-arterial chemotherapy

After intravenous chemotherapy x 6 cycles

What's this?

Is something wrong?

This?
After intra-arterial chemotherapy

Larger recurrent subretinal seeds
Recommend plaque radiotherapy – tumor is chemoresistant
After plaque radiotherapy

All tumor GONE

Plaque radiotherapy still plays a role in Rb management.
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Plaque radiotherapy STILL plays a role in Rb management.
Thank you

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