Abusive Head Trauma (AHT)

- AHT was formerly known as three words
A

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- AHT was formerly known as *shaken baby syndrome*
What is the classic scenario that results in AHT?
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*What is the classic scenario that results in AHT?*  
An adult, out of frustration/anger, violently shakes an infant who is crying inconsolably
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Traumatic retinoschisis of the macula in AHT. Arrows indicate the retinal fold at the edge of schisis with underlying hypopigmentation; tr, blood within the schisis cavity; v, blood escaping from the schisis cavity into the vitreous. Note the blood vessel (thick, short arrow) traveling from the optic nerve up onto the surface of the elevated schisis cavity and then down.
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**Which layers of the retina are involved?**
- All layers

**Where in the eye are they located?**
- Always in the posterior pole, but often extending well into the periphery

**Are the unilateral, or bilateral?**
- Usually bilateral, can be either

**Can the heme reach the vitreous, resulting in an apparent vitreous hemorrhage?**
- Yes
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AHT: Retinal hemorrhages at all levels
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Fundus photographs of retinal hemorrhages in neonates that had a history of birth asphyxia and amniotic fluid aspiration

Retinal hemorrhages after birth trauma
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If you see an infant with retinal hemorrhages, what conditions must be considered before diagnosing AHT?
- Leukemia
- Anemia
- HTN
- Elevated intracranial pressure
- Meningitis
- ROP