Contrast Induced Anaphylaxis in an Infant
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8 month old F, 6.5 kg, with retinoblastoma presents for MRI of brain and orbits and intraophthalmic chemotherapy
• Now presenting for the 2nd administration.
• The MRI was performed without event
• 2 hours and 20 minutes after induction, iodine containing non-ionic contrast media (omnipaque 140) was injected, and roughly 4 minutes after administration, anaphylaxis occurred and was treated
• Since undergone 3 additional treatments. Premedications: monteleukast, diphenhydramine, famotidine & hydrocortisone.
• During the 3rd procedure no intraoperative events
• During the 4th treatment the patient again experienced anaphylaxis after contrast

Background
Previous studies have showed that no contrast material reactions were observed in patients younger than one year of age and this patient clearly demonstrates a case in which a reaction occurred in a patient in that age group

Intraoperative Signs of Anaphylaxis:
• Tachycardia, Bradycardia
• Increased Peak Airway Pressures
• Decreased EtCO2
• Wheezing
• Decreased Oxygen Saturations
• Flushing

References
1. Christiansten C. Hypersensitivity reactions to iiodinated contrast media: an update
4. Left Picture: wikepedia.com
5. Right Picture: webmd.com