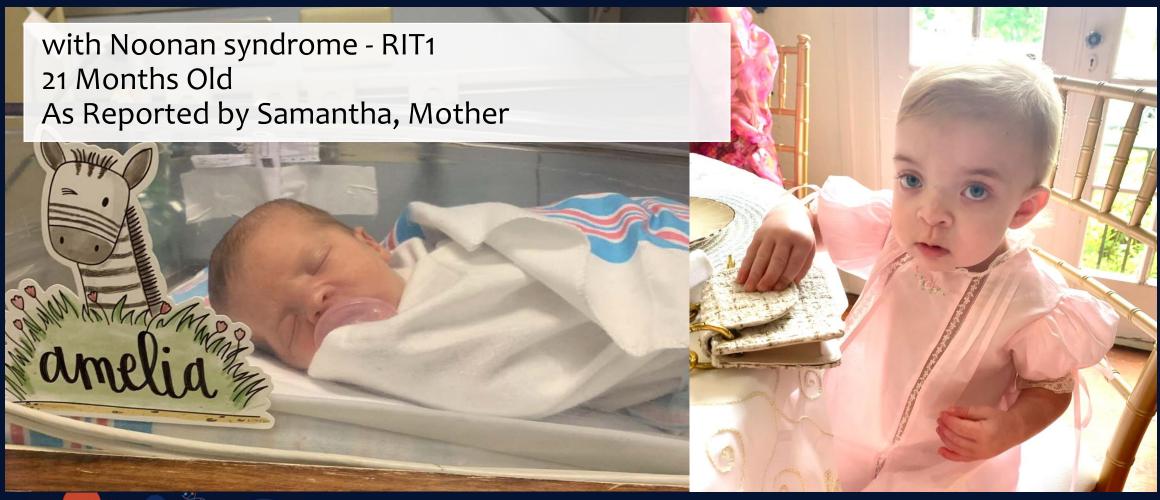
Amelia, NS-RIT1











HOBBIES:

Loves puzzles and matching games

Determined.

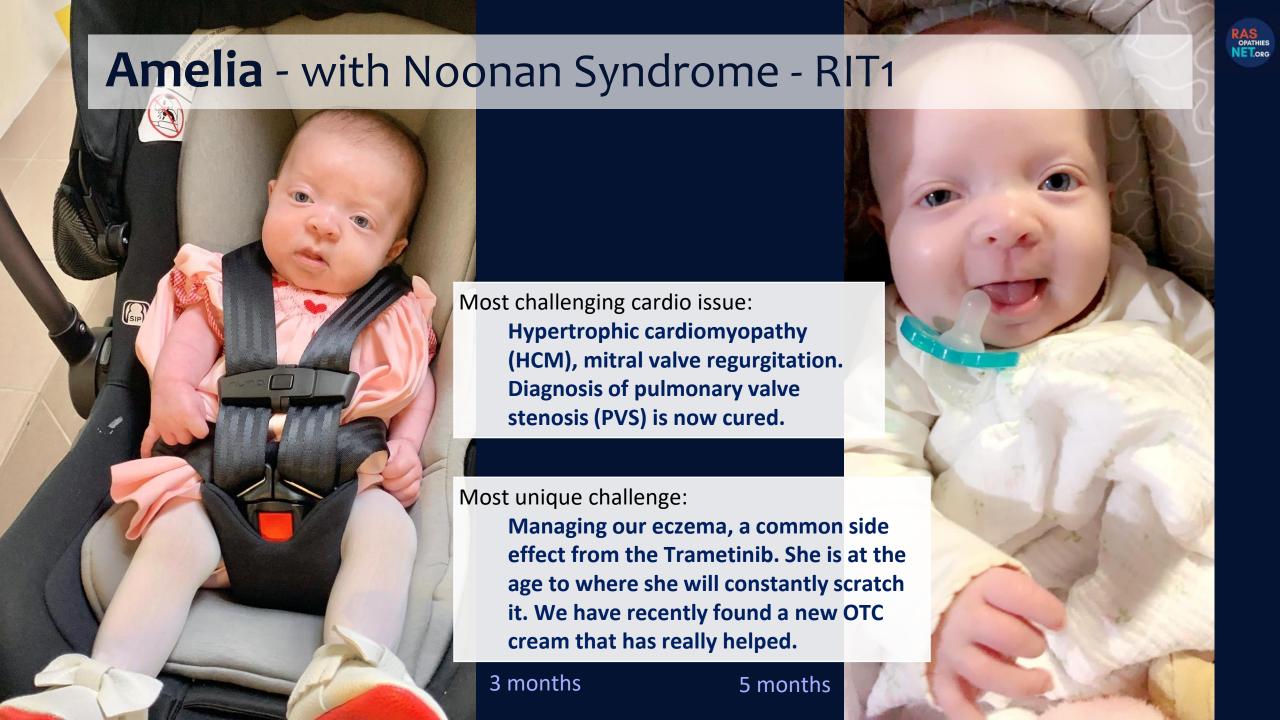
Smart.

Miracle.

Inspiring.

Sassy.

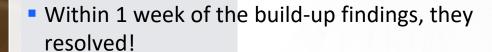
8 weeks





Medical success story:

- Anatomy scan at 20 weeks' gestation lymphaticfound a small build up on both sides of her neck.
- Led me to 4 different maternal fetal medicine specialists for the rest of my pregnancy.



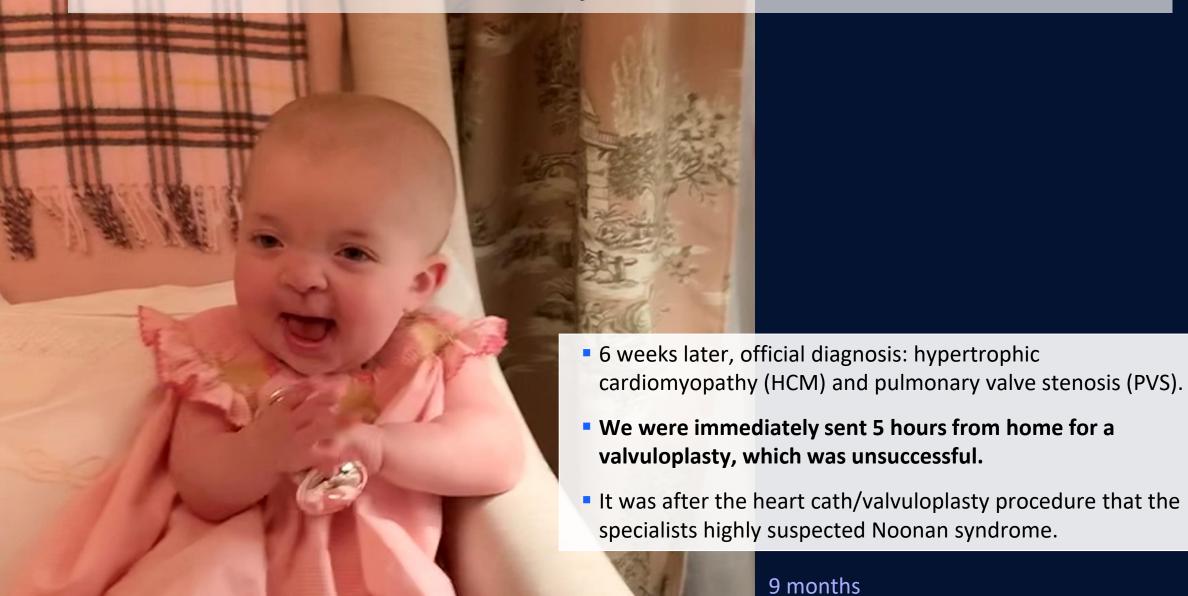
 I was still followed by the 4 physicians in the clinic for the remainder of my pregnancy, no other concerning factors found.

 At ~30 weeks gestation I was diagnosed with polyhydramnios, thought to be from borderline gestational diabetes.

 Born at 37 weeks, 5 days, normal birth weight 7 lbs 1 oz. healthy except for a slight, innocent murmur, referred to cardiology.







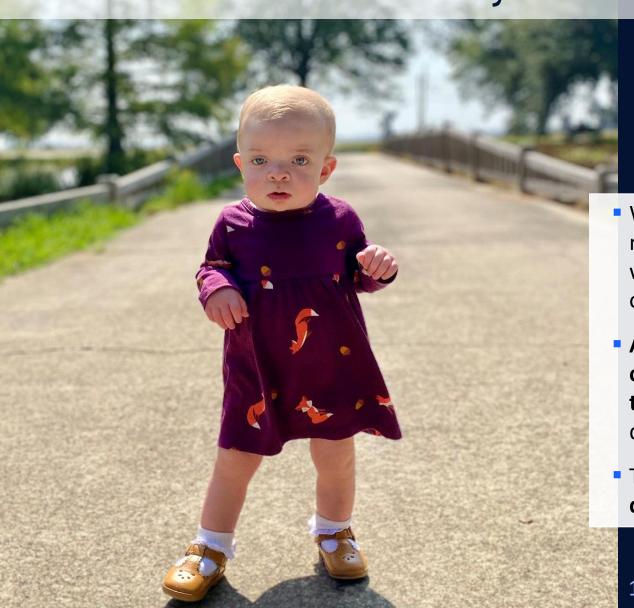




• Dr. Kleinmahon mentioned a treatable drug he read about in Canada, but with only a clinical diagnosis of Noonan syndrome, we had a 95% likelihood of not having the RIT1 gene that showed benefit from the drug intervention.

At 7 weeks old, Dr. Jake Kleinmahon thought that heart transplantation would more than likely be inevitable.





- We were kept inpatient for one week for monitoring and to complete the transplantation workup, including labs, echoes, and ultrasounds of other various organs.
- Amelia was deemed healthy enough and a candidate for transplant until the time was thought to list for transplant. We were discharged to stay locally on a Friday.
- The following Monday we received our RIT1 diagnosis.

 Dr. Kleinmahon had us readmitted to the hospital 3 days later to start trametinib.

 It took only one week for the drug to stabilize her HCM.

• We were seen every week then every 2 weeks, then 4 weeks, then 6 weeks, 8 and now we go every 12 weeks. That is the longest we are expected to space our appointments out.









 At latest heart cath 11/2020, PVS was completely gone and her HCM was stable.

 Does have Mitral Valve Regurgitation, but not enough to require surgical intervention.

NT-Pro BNP has fluctuated over the last two years, but the highest it has ever been was 2,832 on 7/20/2020 and the lowest was 264 on 2/2/2021.

• The only side effect from the drug was acute dermatitis (eczema). In January 2020, it was at its worst, causing impetigo. Dr. Kleinmahon had us go to the hospital 5 hours away and be admitted for monitoring and IV antibiotics.

> Since then, we use OTC hydrocortisone and Aveeno eczema creams that have it under control.

• Amelia is a thriving 21-month-old.

She has met every one of her developmental milestones.







Medical success story:

- It seemed like a Hail Mary treatment
- The greatest decision and treatment I could have ever asked for my daughter



Recent

I hope and pray that her data from the drug will be a pathway to help so many more children in the future.



