



AUTISM AND ADHD IN YOUNGER SIBLINGS



WHAT ARE AUTISM AND ADHD?

- Autistic people communicate differently, have repetitive behaviors, and passionate interests
- People with ADHD may interrupt conversations and have trouble focusing and waiting their turn

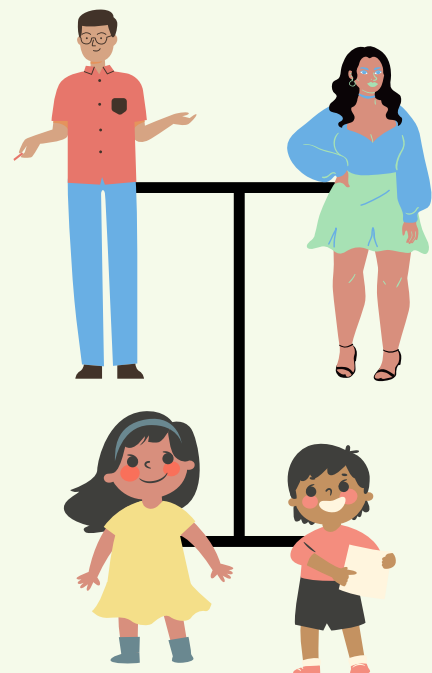
FAMILY LIKELIHOOD FOR AUTISM AND ADHD

- A 2018 study by Meghan Miller and colleagues set out to understand the likelihood that younger siblings of children with autism or ADHD would be diagnosed with either condition
- There had been no prior studies about the rates of ADHD in younger siblings

ARE YOUNGER SIBLINGS OF CHILDREN WITH AUTISM OR ADHD MORE LIKELY TO HAVE EITHER OF THESE CONDITIONS, AS COMPARED TO CHILDREN WITHOUT A FAMILY HISTORY?

METHODS

Diagnoses of autism and ADHD were collected from medical records



RESULTS

Younger siblings of autistic children

30x more likely to have autism*

3.7x more likely to have ADHD*

Younger siblings of children with ADHD

4x more likely to have autism*

13x more likely to have ADHD*

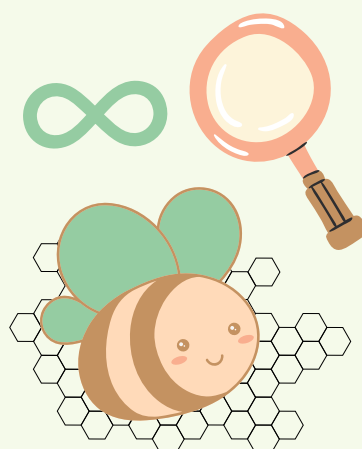
Autism or ADHD Diagnosis



*Compared to children without a family history of either condition

IMPORTANCE

- Doctors and parents should watch children with a family history more closely for signs of both conditions
- Early identification will help children get support sooner



FUTURE DIRECTIONS



More research on younger siblings of children with autism and ADHD is needed to better understand how the conditions overlap and become different from each other early in life