



# Important Study of Learning and Brain Development in Boys

## Learning and Brain Development in Boys with Klinefelter Syndrome (47,XXY) or Typically Developing Boys

**PROFESSIONALS:** Please share with qualifying patients.

Participate in a federally funded research study designed to increase our understanding of learning, behavior, genetics, and brain development.

### Boys Ages 8-17 Years

#### Participation:

- Comprehensive learning and behavior evaluation (Nemours/AIDHC- Delaware and Philadelphia campuses)
- Structural and functional MRI scans to examine brain development and function (Nemours/AIDHC- Delaware campus)

#### Potential Benefits:

- Learning assessments will be performed
- Opportunity to help researchers develop new treatment studies to improve cognition and learning in boys
- There is compensation for participation
- Local and long-distance travel arrangements can be made

#### Eligibility:

Boys ages 8-17 years with:

- Non-mosaic Klinefelter syndrome (47,XXY)
- No known clinical diagnosis (typically developing boys)



**If you are interested in more information about this study, complete our screening survey:**

<https://redcap.nemoursresearch.org/redcap/surveys/?s=N83RH39XCP>

#### OR please contact:

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