



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.

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
- Family will receive \$100 per day of participation
- Local and long-distance travel arrangements can be made

Eligibility:

Boys ages 9-13 years with:

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

Boys Ages 9-13 Years



If you are interested in more information about this study, please contact:

Judith Ross, M.D.

JLRoss@nemours.org

(215) 955-9008

Nemours. Alfred I. duPont
Hospital for Children