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/AIHC- Delaware and Philadelphia campuses)
- Structural and functional MRI scans to examine brain development and function (Nemours/AIHC- 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

For general information about participant’s rights, please contact the Nemours IRB at (904) 697-4022 or NOHSP@nemours.org