Decision-making and working memory in the adolescent brain:

Get a picture of your brain!

Substance Abuse
Adolescent Study
Brain-imaging
Cognitive and
Developmental
Neuroscience
Research
Institute for Juvenile Research

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ON DEPRESSION & RESILIENCE
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STARTS APPROVAL EXPIRES
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Study Scientist
What will this study involve?

**Procedures**

- MRI brain scan to measure brain activity and behavior.
- Clinical assessments related to mood.
- One day of testing for about 4 hours.

**Drug use:**

Teenagers with emotional disorders and combination and decision-making in understanding the brain mechanisms of drug use, think and make decisions in the presence of rewards in order to gain a better understanding of how the drug affects the brain.

**The goal of this study is to research how drug use with teenagers with emotional disorders and teenagers with emotional disorders and the goal of this study is to research how.**

**Who is this study about?**

- Are NOT pregnant
- Are NOT colored and have normal vision for glasses
- Are NOT smokers or cortical
- Are NOT deficient in small spaces
- Are NOT able to sit still in a closed space for 45 minutes
- Are NOT afraid of small spaces
- Have NO broken or metal in the body
- Have NO breaks or meals in the body

**Participants will be compensated for:***

- Help advance an important medical field
- Look at a full image of your brain

**What are the benefits?***

- Some questions
- Possible slight embarrassment from boredom or fatigue during testing
- Minor discomfort in MRI scanner
- No major risks

**Are there any risks?***