



The **C**hild and **A**dolescent **N**euro**D**evelopment Initiative is a research program at the University of Massachusetts Medical School that is committed to rapidly advancing the understanding, diagnosis and treatment of individuals with neurodevelopmental challenges such as autism, early onset bipolar disorder and schizophrenia, and to improving the care of children and families affected by these disorders.



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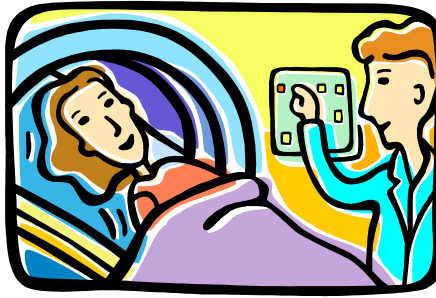
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Docket # 13821



Brain Imaging Study for Children with Bipolar Disorder, Mania, and Typical Development





We are seeking children and adolescents to participate in a brain imaging and treatment study .

Participants will be:

- *Children and adolescents with Bipolar Disorder and Mania diagnosis*
- *Children and adolescents who are moody, and have a parent with bipolar disorder*
- *Typically developing children and adolescents.*

Participants with Bipolar Disorder and/or Mania will complete two MRI imaging scans: before and after an 8 week Vitamin D treatment.

Typically developing participants will complete one MRI scan.

Compensation will be provided for time and travel.

In order to participate in this study individuals need to be

- Between 8 & 17 years of age
- Have an IQ over 70
- Be void of metal or electronic implants in the body such as braces or a permanent retainer
- Have no history of claustrophobia, head trauma, chronic medical illness or neurological illness.

After an initial phone call from a participants' family member to CANDI, a phone screen will be scheduled to gain more specific information to determine if the participant and the study are an appropriate match.

Parents and participants may withdraw from the Study at any time.

All information is kept confidential

*Thank you for considering
...investing in the future...
helping kids and families
through research!*

Contact Information

If you are interested in participating in the study or would like to learn more about our research studies please contact:

The **Child & Adolescent Neurodevelopment Initiative (CANDI)**

Phone:

508-856-5896

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