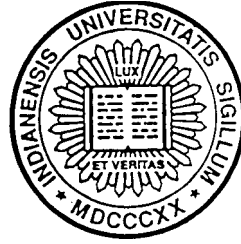


Symptoms of Severe Mania

- Constant talkativeness and movement
- Inability to concentrate
- Illogical speech
- Delusions of grandeur
- Loss of judgment
- Spending money beyond financial capability
- Extreme hostility
- Arrogance
- Demanding behavior
- Making abusive or obscene statements
- Shouting and throwing things
- Paranoid thoughts
- Seductive sexual behavior

Symptoms of Depression

- Sadness
- Guilt
- Hostility
- Remorse
- Anger
- Crying
- Mood Swings
- Poor self-image
- Loss of sexual interest
- Indecisiveness
- Eating disorders
- Weight loss or gain
- Sleeping problems
- Feelings of hopelessness, helplessness, and worthlessness
- Withdrawal from life
- Agitated or slowed movements
- Fatigue or weakness



The Institute of Psychiatric Research

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Unraveling the Mysteries of

Bipolar Disorder



*Do you have
manic depression?*

*Does your family
have a history
of manic depression?*

Study of Bipolar Disorder

The Institute of Psychiatric Research, at Indiana University School of Medicine, has been awarded federal funding to study the genetics of bipolar disorder. This study will focus on families in which two or more siblings have a history of bipolar illness. Indiana University serves as a national coordinating center for this study, with John I. Nurnberger, Jr., M.D., Ph.D. as Principal Investigator.

Each participant is asked to complete a diagnostic interview and answer family history questions. For relatives who live too far away to visit the Institute (on the I.U. School of Medicine campus in Indianapolis), the interview can be done by telephone. Participants will also be asked to give blood samples for DNA linkage studies. Blood samples can be drawn by local physicians and mailed into the laboratory if a visit is not possible. All information obtained will be kept in strict confidence, even from family members. No family members will be contacted without the prior permission of the relative who supplied the contact information.

Benefits of Participating

- Receive \$80
- Psychiatric assessment, with referrals provided as necessary
- Contribute to the development of better treatments for mood disorders

Bipolar Study Criteria

Families in which two or more siblings:

- have experienced the severe form of mania (Bipolar I Disorder),
- are willing to participate in the study (interview and blood sample).

Key Concepts

Bipolar I Disorder: A disorder in which both manic and major depressive episodes occur, causing impairment in the daily functioning of the affected individual's life.

Confidentiality: All information gathered from each individual is kept strictly confidential. Blood is sent to the laboratory with an identification number (instead of a name) attached.

Diagnostic Interview: A procedure in clinical situations in which the individual is interviewed with the purpose of reaching some reasonable determination of the nature of the disorder.*

DNA Linkage Study: To find the genes responsible for bipolar disorder, blood is drawn from family members. The blood sample is used to create a cell line, which is living tissue. This process will take place at a central laboratory. DNA then will be taken from the cell line and saved for scientific analyses that will be done now and in the future.

Manic Episode: A distinct period lasting at least one week, characterized by a rather sudden onset of elation, euphoria, or extreme irritability. Symptoms may include: need for less sleep, poor judgement, unusual amount of talking, racing thoughts, distraction, involvement in too many activities, imagined visions or voices, belief in special personal gifts or powers, and obnoxious or manipulative behavior.

Sibling Pair: Two children in a family who have the same birth-mother and birth-father.

* Reber, A. S. (1985). *Dictionary of Psychology*. London: Penguin Books.