



# NeuRA

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BIPOLAR DISORDERS LIBRARY

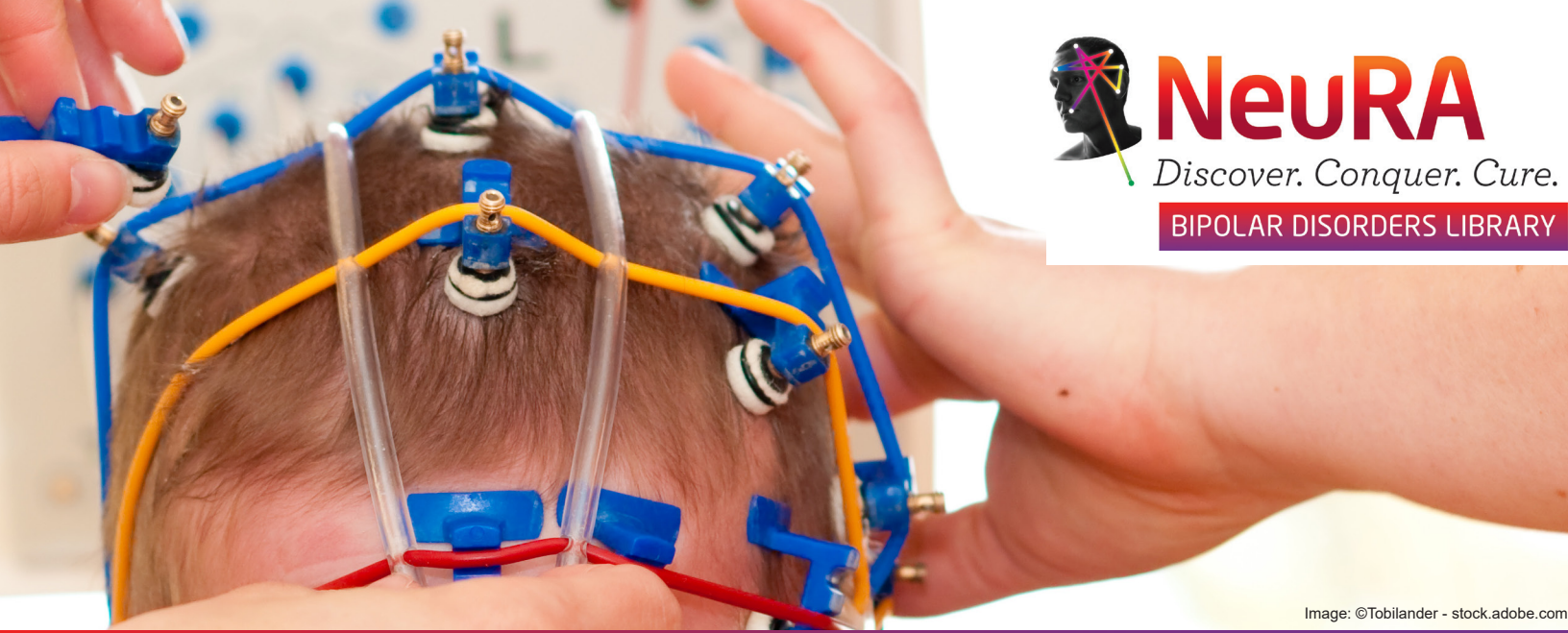


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## BIPOLAR DISORDERS Factsheet

December 2021

### What is the N170?

The N170 wave is an event-related brain potential measured using electroencephalography. The N170 is a negative waveform that peaks at approximately 170 msec after stimulus presentation. It is observed at occipitotemporal sites and with greater amplitude over the right hemisphere. The N170 ERP is observed in response to a variety of facial stimuli, and so it may reflect a neural mechanism for detection of human faces.

### What is the evidence for N170 anomalies in people with bipolar disorder?

Low quality evidence in unclear of N170 amplitude and latency changes in people with bipolar disorder compared to controls without any psychiatric disorder.

For more information see the technical table



## NeuRA

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*NeuRA (Neuroscience Research Australia) is one of the largest independent medical and clinical research institutes in Australia and an international leader in neurological research.*

*Diseases of the brain and nervous system pose the greatest health, economic and social burden of any disease group because they are chronic, debilitating and have no known cures.*

*Medical research is the cornerstone of efforts to advance the health and wellbeing of families and the community. Our dedicated scientists are focussed on transforming their research into significant and practical benefits for all patients.*

*While we hope you find this information useful, it is always important to discuss any questions about bipolar disorder or its treatment with your doctor or other health care provider.*

## HOW YOUR SUPPORT HELPS

We are able to make significant advances due to the generosity of countless people. Your donation allows us to continue to work towards transforming lives. For information on how you can support our research, phone **1300 888 019** or make a secure donation at [neura.edu.au](http://neura.edu.au).

NeuRA (Neuroscience Research Australia) Foundation  
T 1300 888 019 F +61 2 9399 1082  
ABN 57 008 429 961

**Margarete Ainsworth Building**  
Barker Street, Randwick NSW 2031  
PO Box 1165 Randwick Sydney NSW 2031 Australia

[neura.edu.au](http://neura.edu.au)