



## SCHIZOPHRENIA Factsheet

October 2020

### What is P100 event-related potential?

The P100 is a positive waveform that peaks at approximately 100 milliseconds after stimulus presentation. The P100's latency and amplitude vary with aspects of selective attention or stimulus encoding. Latency is considered a measure of stimulus classification speed, and amplitude is proportional to the amount of attentional resources devoted to the task and the degree of information processing required.

### What is the evidence for P100 event-related potential?

Moderate to high quality evidence finds a medium-sized reduction in P100 amplitude with neutral and happy face stimuli, but not fearful face stimuli in people with schizophrenia compared to controls.

For more information see the technical table



*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 schizophrenia 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/donate/schizophrenia](http://neura.edu.au/donate/schizophrenia).