

GIVING OPPORTUNITY

RESEARCH

Transforming Lives



Deep Brain Stimulation (DBS) research is changing the lives of patients with a wide range of neurodegenerative diseases, including Parkinson's disease and Tourette's syndrome.

DBS involves the placement of microelectrodes into problem brain cells, which transmit electrical impulses via a pacemaker-like device. For the surgery to be successful, doctors have to pinpoint the problem area, guided by the conscious patient. The research team, led by Professor Peter Silburn and neurosurgeon Dr Terry Boyne, is only the third group in the world to go to the deepest parts of the brain and provide treatment, without damage.

The University of Queensland is continuing to build on its strengths as one of Australia's leading, research-intensive universities.



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