



# Biotech Daily

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*Daily news on ASX-listed biotechnology companies*

## **\* NZ PATENT FOR BIOPHARMICA'S CORTICAL DYNAMICS**

### BIOPHARMICA

Biopharmica says New Zealand has issued a patent entitled 'Method of monitoring brain function' to its investee company Cortical Dynamics.

Biopharmica said Cortical Dynamics was developing a depth of anaesthesia monitoring system for use during major surgery.

The company said the core technology was based on "real time analysis of the patients electroencephalogram using a proprietary algorithm based on a mathematically and physiologically detailed understanding of the brain's rhythmic electrical activity".

Biopharmica said the theory was developed by Swinburne University of Technology's Prof David Liley in Melbourne.

Nitrous oxide trial results were published in the journal 'Computers in Biology and Medicine' (Liley et al, Dissociating the effects of nitrous oxide on brain electrical activity using fixed order time series modeling. *Comp. Biol. Med* 2008 38;1121-1130).

Biopharmica said that to validate the results arrangements were being made to source data from clinical anaesthetic research centres in Europe.

Biopharmica was untraded at 3.9 cents.