

## **IM Medical In Cardiac-Brain Collaboration With RMIT Uni**

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IM Medical, RMIT University and the Australian Centre for Radiofrequency Bioeffects Research will collaborate to identify brain markers associated with heart or brain disorders. IM Medical said that the collaboration with the Centre for Radiofrequency Bioeffects and RMIT University's school of electrical and computer engineering hoped to identify cardiac and/or brain markers associated with heart or brain disorders and develop markers predictive of heart or brain disorders. The study's initial data will be collected from a cohort of healthy participants and later move to health-compromised subjects. Electroencephalographic (EEG) and electrocardiographic (ECG) activity will be simultaneously recorded with the further data processing based on a spectral analysis.

IM Medical said the study outcomes could be used to further improve its Intelliheart test, which will combine a tool for ECG analysis with a number of existing diagnostic tools ,such as heart rate variability and pulse wave analysis. The three-year study will be chaired by Prof Irena Cosic, the head of the school and Director of Australian Centre for Radiofrequency Bioeffects Research. IM Medical will support the research with funding and other assets and retain ownership of the intellectual property developed in the study, enabling further enhancement of the Intelliheart product range. There will be a collaborative application for funding from the Australian Research Council.