

US-Singapore partnership to identify and develop novel digital biomarkers

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To study subclinical mood disturbances in the general population



US-based startup ObvioHealth has announced a partnership with A*STAR's Singapore Institute for Clinical Sciences (SICS) to identify better and more sensitive ways to measure and capture health outcomes.

A*STAR's SICS aims to identify biomarkers and associated treatments that can help populations manage subclinical symptoms more effectively.

The first project within this collaboration will be to study subclinical mood disturbances in the general population. The project seeks to identify new digital biomarkers of depressive and anxious feelings, as well as stress, that can be measured and applied in real life settings.

Under the agreement, ObvioHealth will provide scientific input into study design as well as access to its ObvioGo platform for the management of participant data.

"Mood disturbances and feelings of stress are prevalent in today's society. These impact not only the quality of life but may also contribute to other health issues such as cardiovascular, immunological and gastrointestinal issues, and may ultimately affect our economic and societal potential. We hope to detect the pattern and severity of symptoms that define these conditions, with the ultimate goal of offering better research options to identify people at risk and evaluate potential treatments," says Professor Jeroen Schmitt, Senior Principal Investigator at A*STAR's SICS.