Why invest in Brain Profiler?
43 million psychiatric patients in the US alone

Expenses American mental healthcare system, annually exceeding $200 billion

More than heart conditions ($147 billion), trauma ($143 billion), and cancer ($122 billion).
Technological scientific Need

The first and only App that integrates the following

Clinical Psychiatry

Digital Mental Health

Neuroscience
Optimal clinical Follow-up

The clinician rates the clinical findings (Phenomenology) on a 9-scale format.

The patient rates his symptoms (complaints) on the same 9-scale format.
The clinical psychiatry platform acts as a clever-active-telemedicine EMR:

Achieves personalized diagnosis, improved adherence to follow-up and treatment, easy ready reports (forensic and others), emergency managements using alerts, treatment response and visit management.

Organize outpatients scheduled visits
Optimal clinical Follow-up

Improved accessibility to better patient care
• Overcoming limited clinical resources

Location-free, portable, available at any time, and can be used across a broad range of settings and during patient transitions
• Overcoming logistical difficulties associated with scheduling and travel to receive services

Cost savings
• Queue management and prevention of hospitalizations
Digital wearable sensors, social activity and cyber activity can be used to extract mental-status evolution and Phenomenology assessment in psychiatric patients by using plugins to the clever-active-telemedicine EMR.

- **Cyber** = Cyber-Activity = searches web-navigation
- **Social** = Social-Activity = social network connection activity
- **Connect** = Connectedness = outcall in-calls SMSs
- **Activity** = Activity (motor) = oscillometer and navigation
- **Speech** = Speech = quantity, level, modulations, sequence, targeted content
- **Affect** = Affect = visual face recognition
Digital Mental Health

The clinician rates the clinical findings (Phenomenology) on a 9-scale format. The patient rates his symptoms (complaints) on the same 9-scale format. Passive digitally-collected phenomenology data is mapped on the same 9-scale format. Multiple devices act as plugins each contributing additional assessments to be mapped onto the brain profiling algorithm.
Statistics & Big-Data

Brain Profiler collects data sets and accumulates large-data, thus building big-data analysis capabilities.

Brain profiler offers statistic powers to diagnosis, treatment and prognosis, for example patient data-sets compared to population-analysis can detect powerful information about treatment medication-response and prognosis.
The CAUSES of mental disorders are unknown! Without knowing the etiology (causes) of mental disorders their treatment remains ineffective. Brain Profiler will collect large-data of EEG brain imaging enabling machine-learning algorithms to DISCOVER the causes of psychiatric illness by finding the causal relationships between collected phenomenology and collected brain network activity.
Clinical Brain Profiling is a novel theoretical approach diagnosing mental disorders as Globalopathies i.e., disorders of global brain-networks organization.
1. Remote signal
2. Nanoparticle action on calcium channel receptors and action potential
3. Regulatory action on layer IV pyramidal neurons, executing Network Hub effects
4. Network Hub activity optimizing whole-brain connectivity stabilizing perturbed brain
Team

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Why use Brain Profiler?

Brain Profiler puts your practice on the forefront of Neuroscience

By literature-based translation of your patients phenomenology (symptoms and signs) into brain-related disturbances

Brain Profiler improves your follow-up and treatment
As a clever interactive telemedicine electronic medical registration and platform

Brain Profiler provides unprecedented technology-related relabel objective diagnosis
Using versatile plugins from various mobile and wearable sensors, cyber and social activities. *(under-construction)*

Brain Profiler will discover the etiology of your patients suffering
Using wearable consumer electrophysiological brain imaging, just as cardiac arrhythmia underlies cardiac insufficiencies, brain arrhythmias underlie the disorders of your patient. *(under-construction)*

http://www.brainprofiler.com/