YBRAIN Information

- Company profile
- Product information
- Various collaboration chance

New Business Development Team

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Think Healthy

YBRAIN are always looking for better treatment options for patients by working with healthcare professionals and investing in research and development

2019 ~ Developing electroceutical for migraine
Preparing for KMFDS approval

2019. 03 CTA for mild dementia electroceutical approved
Clinical trial application for mild dementia approved by KMFDS

2018. 02 Diagnosis platform approved by KMFDS
Released brain function diagnosis assisting device.
Updated 2nd generation APP for depression treatment device synced web dashboard and management at home.

2017. 02 Treatment platform approved by KMFDS
Released 2nd generation App synced with treatment device.
Developed 3rd generation individual treatment device.

2014. 10 Started clinical trials
Started clinical trials on dementia/mild cognitive impairment/depression.
Completed the development of 1st generation treatment device.

2013. 02 Established YBRAIN
Brain science-based treatment device commercialization that can be used anytime, anywhere was the target.

ybrain PROFILE

MISSION Providing innovative brain science solution services

VISION Global Leading Neuroscience Healthcare Pioneer

- **World`s first connected medical device for depression treatment**
- **$16M attract investment that is the largest scale in Korean start up company**
- **Electroceutical platform technology development and commercialization**
- **Oversea export: UK, Thailand, Hungary, Japan etc**

Certification of GMP

ISO 13485

CE Certificate

HQ ADDRESS: 4F CRAFTON TOWER, 117 Bundangnaegok-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
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MINDD STIM

MINDD STIM provides brain activity control based new treatment without systemic side effects.
It also can be used together with general treatment if necessary.

YBRAIN electroceutical platform

MINDD

Non-invasive Neuromodulation System for Depression Treatment (Transcranial Direct Current Stimulation)

❖ World`s first wearable depression treatment device

World`s first electroceutical for depression that can be controlled patient`s total treatment cycle

❖ Treatment effects from various type of stimulate

Various application scope using stimulate such as DC(Direct current) / AC(Alternating current) / PS(Pulsed current) / RNS (Random noise)

❖ Various clinical trials with eminent KOL

Over 40th clinical trials in Korea about various disease

Hospital Market

- **Target :** Department of psychiatry / neurology
- **Application Disease :** Depression, ADHD, ASD, Bipolar, Mild Cognitive Impairment, Mild Dementia, Schizophrenia, Drug addiction, Panic disorder etc.

Consumer Healthcare Market

- **Target :** General Consumer
- **Application field :** Improve learning ability, Insomnia, Improvement of stress, Game addiction, Gambling addiction, Smartphone addiction, Diabetes Mellitus Disorders etc.

DooPANG

DooPANG has two type of eTNS system developed for the prophylactic treatment of episodic migraine. The device is placed on the patient`s forehead to stimulate the upper branch of the trigeminal nerve.

YBRAIN electroceutical platform

DooPANG

The professional migraine treatment Device (eTNS: external Trigeminal Nerve Stimulator)

❖ Two type of portfolio(re-usable and disposable)

Strengthening accessibility of patients according to the number of treatments required

❖ Auto activation and immediate effect

It recognizes what is attached to the forehead and runs automatically

After a few minutes, you may get out of your migraine pain

❖ Preparing FDA approval for entry into the US market

FDA authorization procedure is progressing

Hospital Market

Re-usable type

- **Target :** Department of psychiatry / neurology
- **Application Disease :** Stress, Acute migraine, Migraine prevention, Sleep disorder etc.

Consumer Healthcare Market

Disposable type

- **Target :** General Consumer
- **Application field :** Stress, Acute migraine, Migraine prevention, Sleep disorder etc.
- **Sales route idea :** Offline market direct sale, Online market direct sale, drug store etc.

MINDD SCAN

MINDD SCAN visualize brain activity to help patients understand what the doctor is explaining more easily. Through regular analysis, patients and doctors can communicate.

YBRAIN Easy QEEG system

MINDD SCAN
EASY EEG from Preparation to Analysis

Optimal solution for EASY QEEG from Preparation to Analysis (Electroencephalogram)

❖ Dry electrode that only needs to be wearing

Dramatically reduce the preparation time(1~2 minutes) by comparison with conventional wet electrode equipment(30 minutes)

❖ Automatic brain wave analysis based on Deep Learning

Analyze brain waves by automatically removing unnecessary artifact and bad data

❖ Provide analysis report by disease

Customized analysis reports are provided by quantifying brain wave major indicators by disease

Hospital Market

- **Target :** Department of psychiatry / neurology
- **Application Disease :** Depression, ADHD, ASD, Bipolar, Alcohol addiction, Epilepsy, Dementia, Schizophrenia, sleep disorder etc.

Consumer Healthcare Market

- **Target :** General Consumer
- **Application field :** Measurement of stress, Measurement of favorability, Assistance conversation way of language disorder etc.