AI-DRIVEN EARLY DETECTION THERAPEUTIC PLATFORM
FOR OPTIMAL BRAIN HEALTH

FOR PHARMACEUTICAL

WHO is iMediSync

What iMediSync is

Specializing in the early detection of neurological and mental disorders

The Challenge

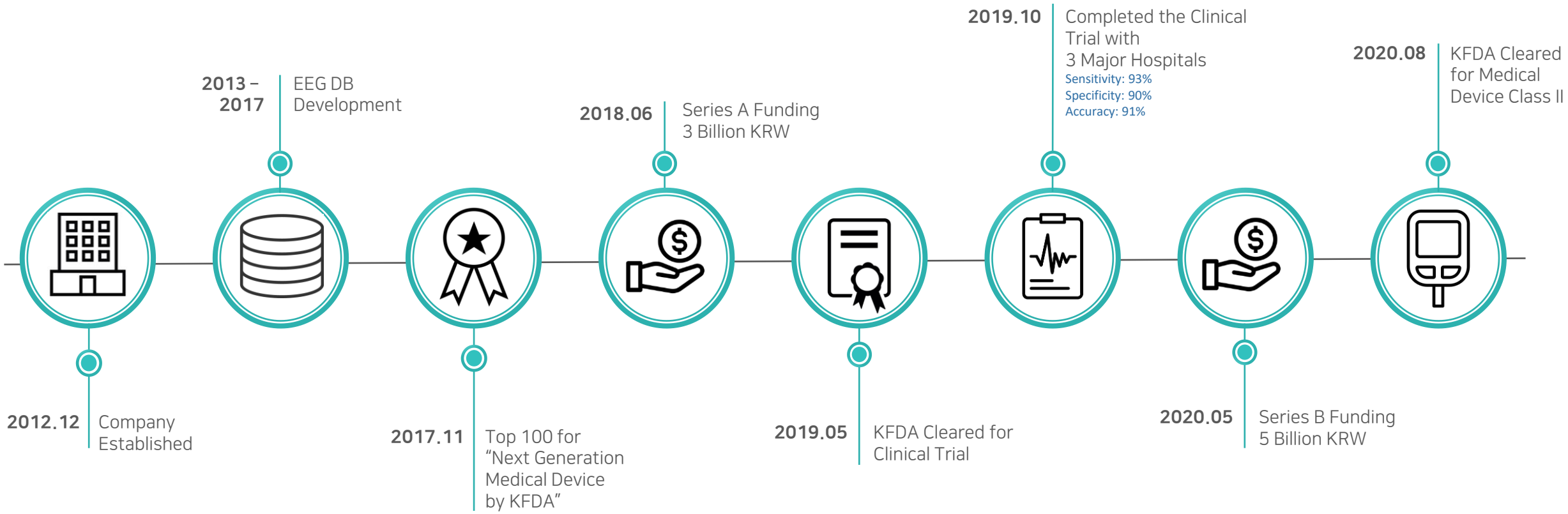
Early detection is the key for proper treatment; however, few indicators of neurological disorders have been discovered

How iMediSync Works

With advanced EEG (brainwaves) analytics, our AI driven cloud-based platform overcomes the challenge

ABOUT iMediSync

Specializing in **Advanced EEG Analysis** : Cloud-based, AI-driven, Norm-matched, Sex/Age-Specific

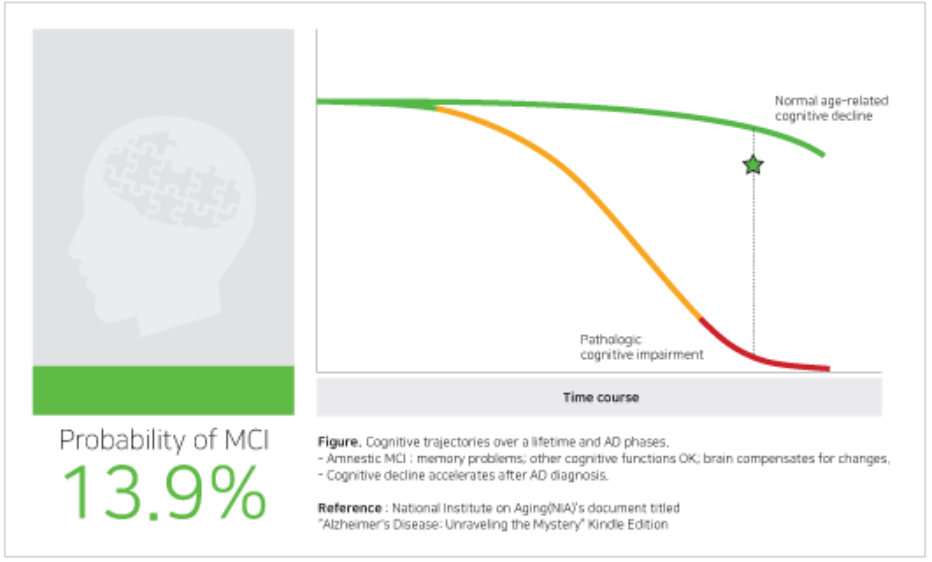


iSyncBrain MCI Classifier

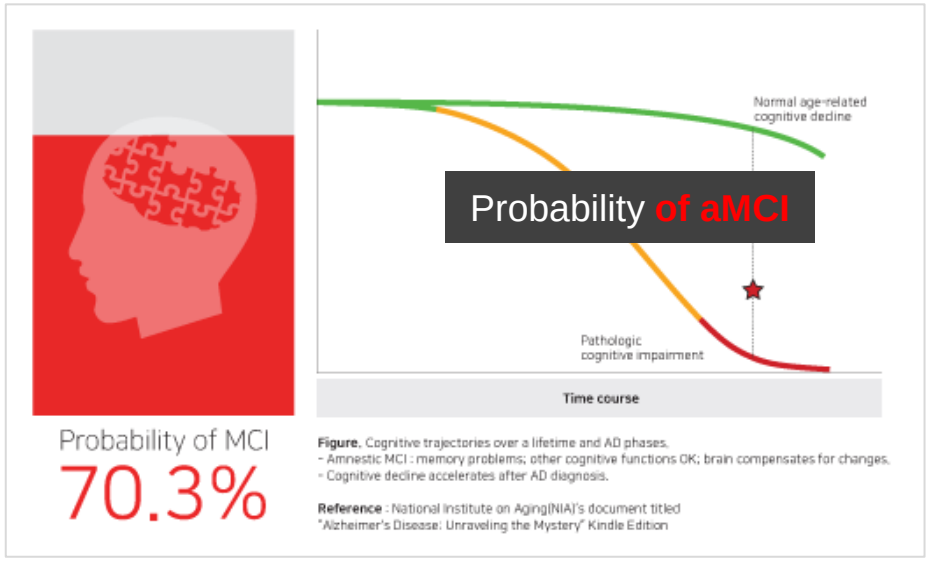
AI Solution for Clinical Support

Pre-clinical Screening of aMCI (MFDS(KDFA) Cleared)

Normal



aMCI



0~50% : Within Normal Limit | **50~60%** : SCD with Amyloid (+) or Preclinical Alzheimer's Disease | **60~70%** : MCI without Amyloid (+) | **70~85%** : MCI with Amyloid (+) or AD-MCI or Prodromal Stage of Alzheimer's Dementia | **85~100%** : Alzheimer's Dementia

iMediSync

iSyncBrain - C

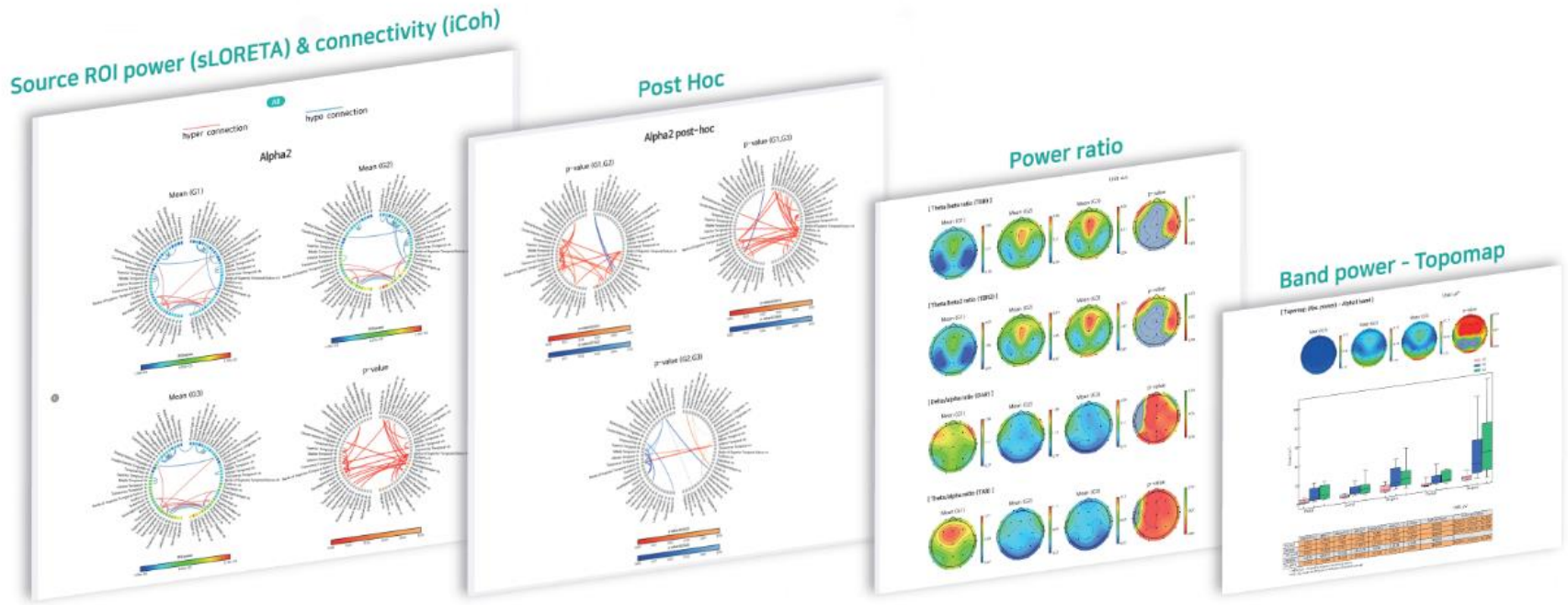
QEEG Guided Individualized Mental Healthcare Platform

World's One and **Only Age-Sex Specific Norm DB.** (MFDS(KDFA) Cleared)

iSyncBrain - R

Maximized Usability of Brain Function Evaluation

Optimized for **Both Clinical and Research Purposes**
Compatible with Various EEG Equipment through Amplifier Calibration

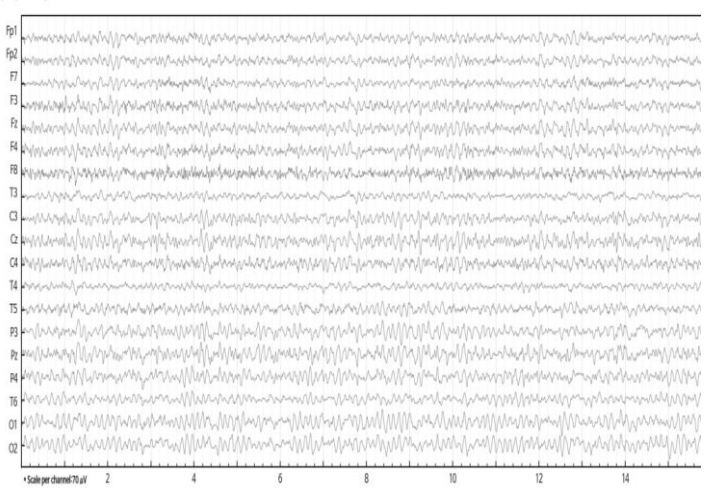


iSyncHeart

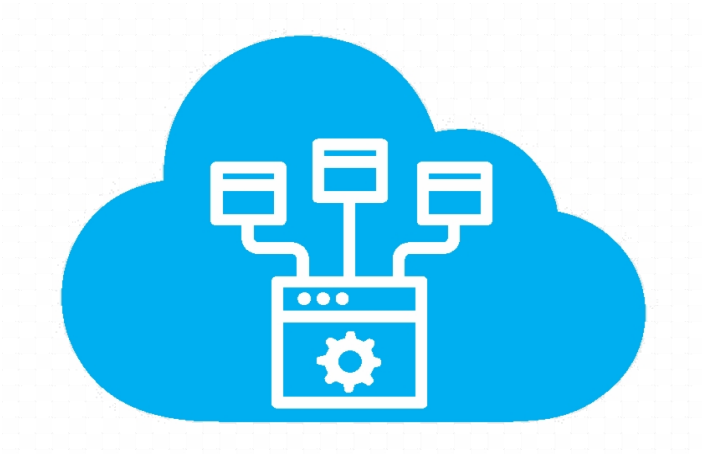
HRV(Heart Rate Variability) Analysis Solutions

(MFDS(KDFA) Cleared)

HOW TO USE iSyncBrain

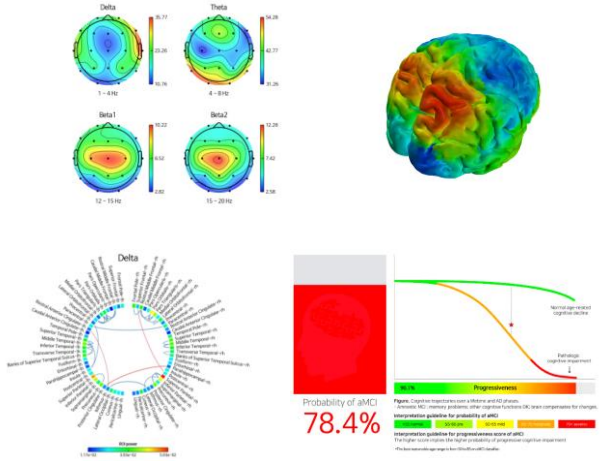


EEG Measure



Uploading to Cloud Platform

isyncbrain.com



Providing Analytical Results

SOFTWARE SUMMARY

QEEG Guided Individualized Mental Healthcare Platform

M

M - Series

A.I based amnestic Mild Cognitive Impairment

(aMCI) Screening Solution for Early Detection of Dementia

(MFDS(KFDA) Cleared)

C

C - Series

Individual EEG Analysis Solution
Automatic Noise Removal

Sensor and Source Level Norm Comparisons

(MFDS(KFDA) Cleared)

R

R - Series

Individual and Group EEG Analysis Solution Providing

Group Comparisons

(MFDS(KFDA) Cleared)

H

HRV

HRV (Heart Rate Variability) Analysis Solution for Clinical Support

(MFDS(KFDA) Cleared)

Cloud Service
Access anywhere, anytime

Fast & Easy
Upload, receive report in minutes

Science-based
Advanced analysis & provision of references

RESULT OF VALIDATION CLINICAL TRIAL

Multicenter Clinical Trial

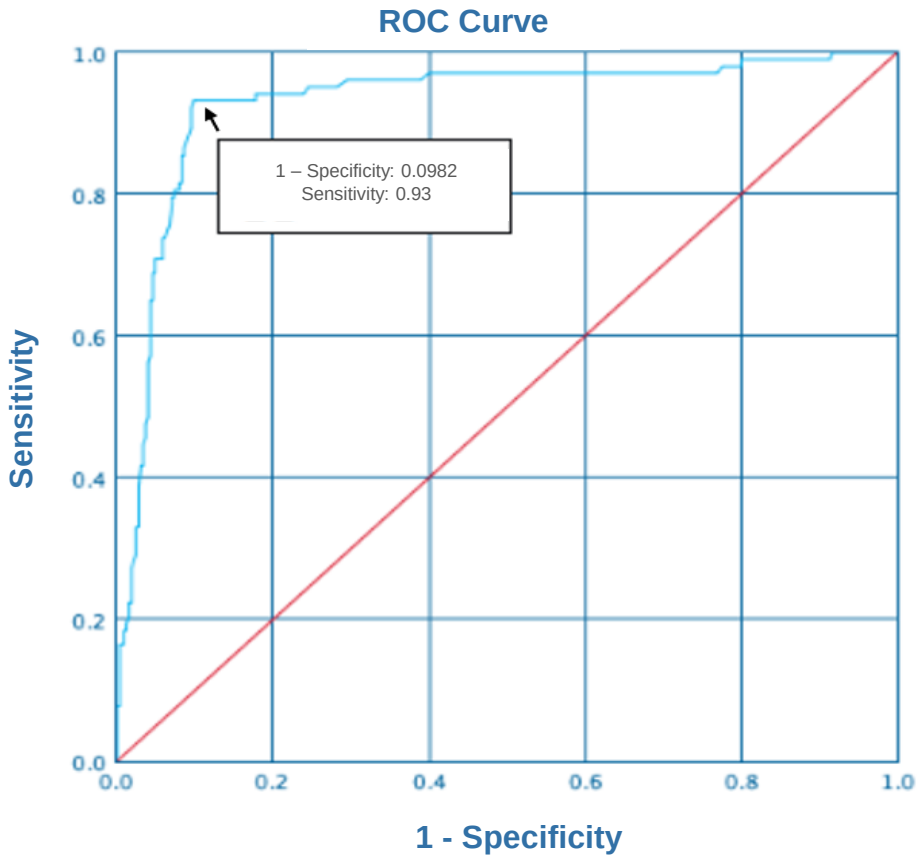
CHUNG-ANG UNIVERSITY HOSPITAL

SNUH SEOUL NATIONAL UNIVERSITY BUNDANG HOSPITAL

KNU 강원대학교 KANGWON NATIONAL UNIVERSITY

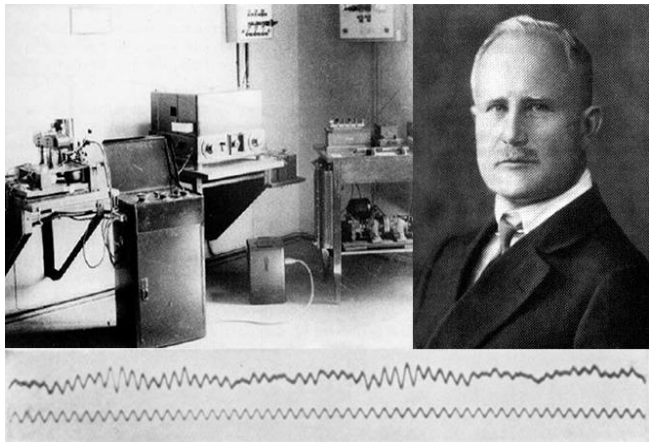
RESULTS	
Normal	326
aMCI	103
Total	429

RESULTS	
Accuracy	0.91
Sensitivity	0.93
Specificity	0.90
AUC	0.93 (95% CI: 0.89 – 0.96)



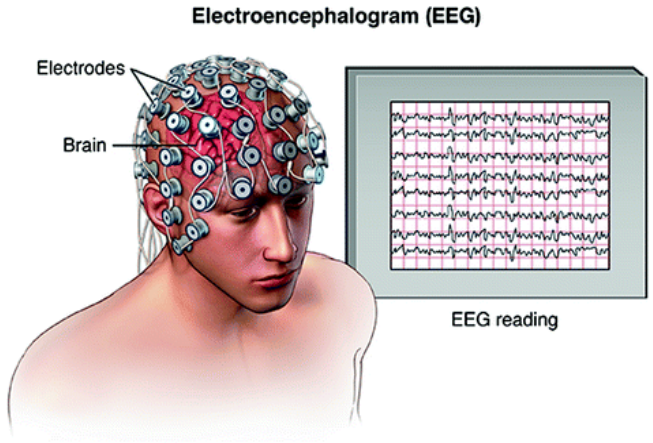
iMediSync

EVOLUTION OF EEG DEVICE



1st EEG Device

First EEG Device, Hans Berger



2nd Generation EEG Device

Conventional EEG Device

iSyncWave™

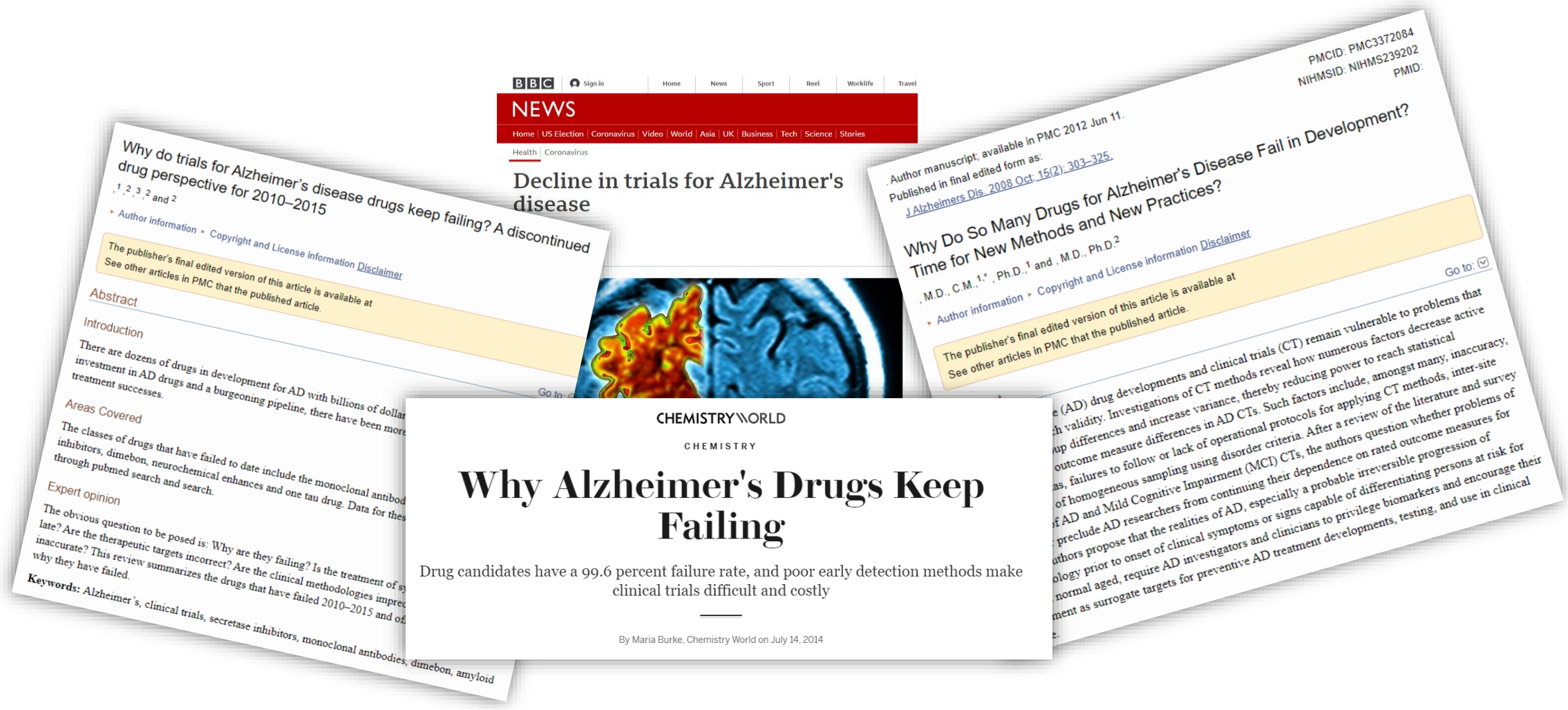
QEEG + Neuromodulation

KEY PRODUCT – iSyncWave

"LAUNCHING IN Q1, 2021"

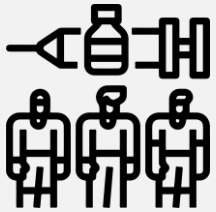
AI-driven EEG (brainwaves) Analysis
Tele-mental Care
Dry Sensor + LED Therapy
Personalized Therapeutics
Bluetooth Connectivity to Smartphone

CHALLENGES



WHAT WE OFFER

SUCCESSFUL Clinical Trial



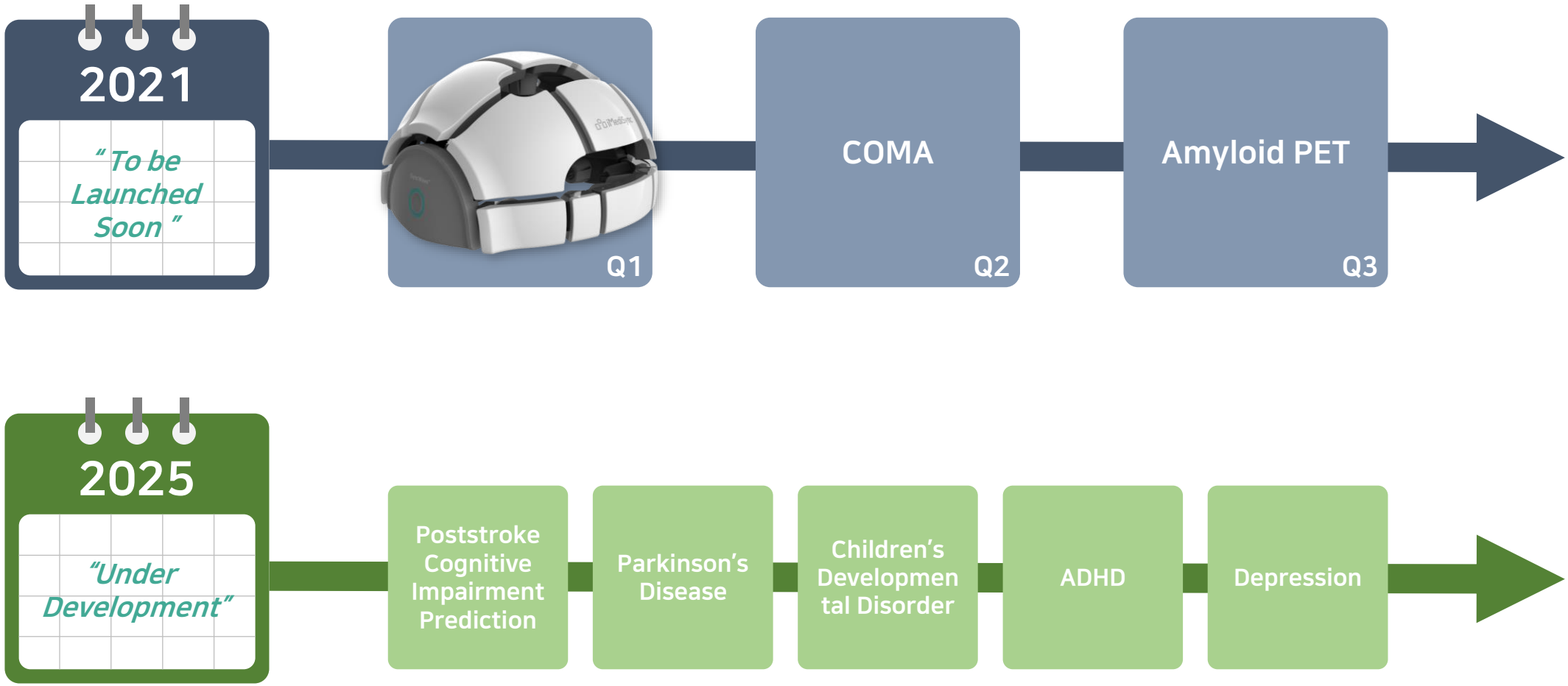
Precise Analysis of
Clinical Trial Drug Results

Time-saving

Cost Reduction

iMediSync

DEVELOPMENT ROADMAP



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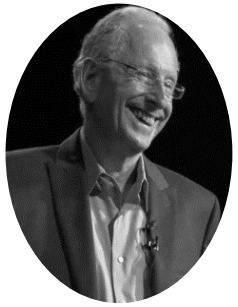

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THANK YOU

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