

1 in 5 lives with a mental health disorder

Massive need, no effective solution

66M
in the US



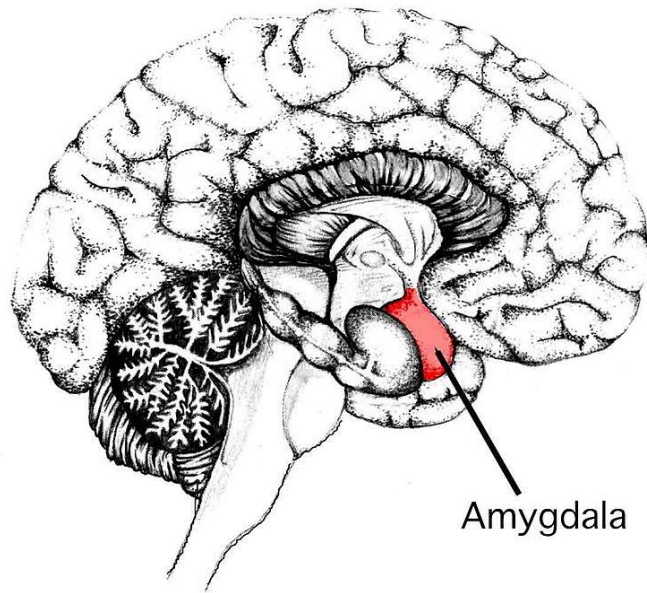
84M
in Europe



- Short supply of mental healthcare professionals – leading to 6-12 month waitlist
- €600B economic impact - more than cancer and diabetes combined. (EU Report)
- Only 50% of patients seek treatment

A hyperactive amygdala plays a role in mental disorders

Amygdala – control center of fight-flight-freeze response



Amygdala

The amygdala's role in mental health is evident in numerous publications¹

>14,000
PTSD

>6,500
Major Depression
Disorder (MDD)

>3,600
Borderline Personality
Disorder (BPD)

>49,000
Anxiety
Disorders

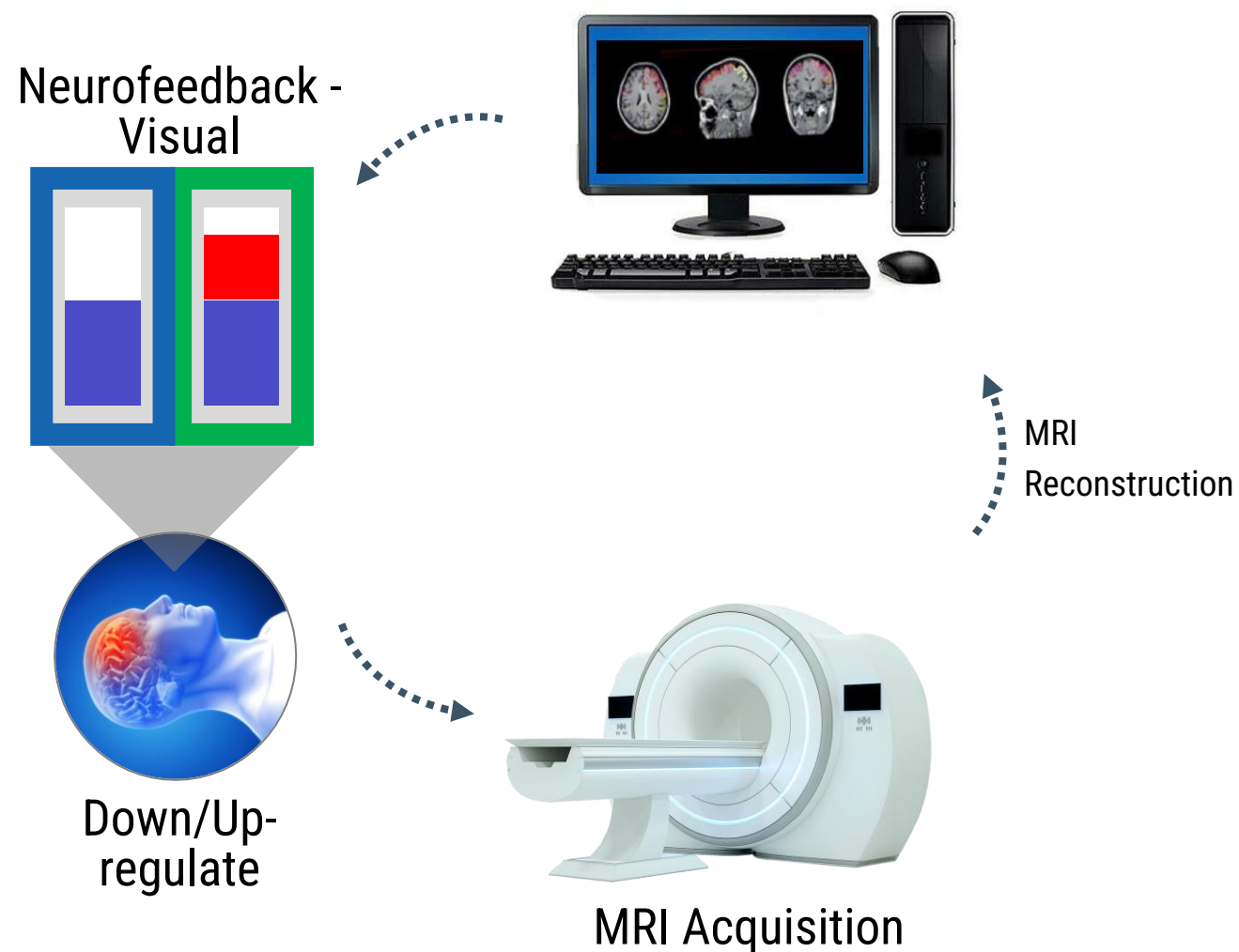
No single drug, medical device, or behavioral treatment targets the amygdala

1. Source: NCBI database

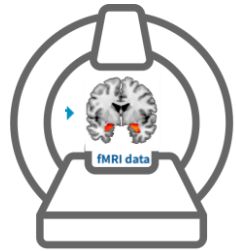
fMRI neurofeedback reduces amygdala hyper-reactivity

Patients learn to reduce the amygdala's activity when watching a digital scene, while being monitored by fMRI.

But using fMRI is expensive, cumbersome, and impractical in routine clinical workflow.



Core technology: EEG analysis leveraging brain area specific fMRI data



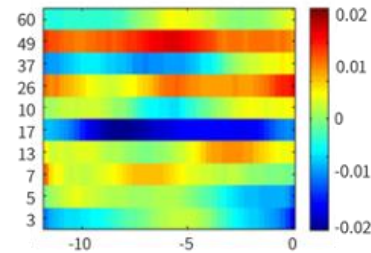
Amygdala-fMRI
data synced
with
EEG data



Advanced
statistical
models

PATENT

Model coefficients



Brain area-specific
EEG-fMRI-Pattern
(EFP)



Prism system