



# Curso TEAF

**TEMA 9 Futuro del diagnóstico y del tratamiento**

# AI Diagnosis and Treatment in VR for Neurocognitive Disorders in Mental Health



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Founder & CEO @PVR

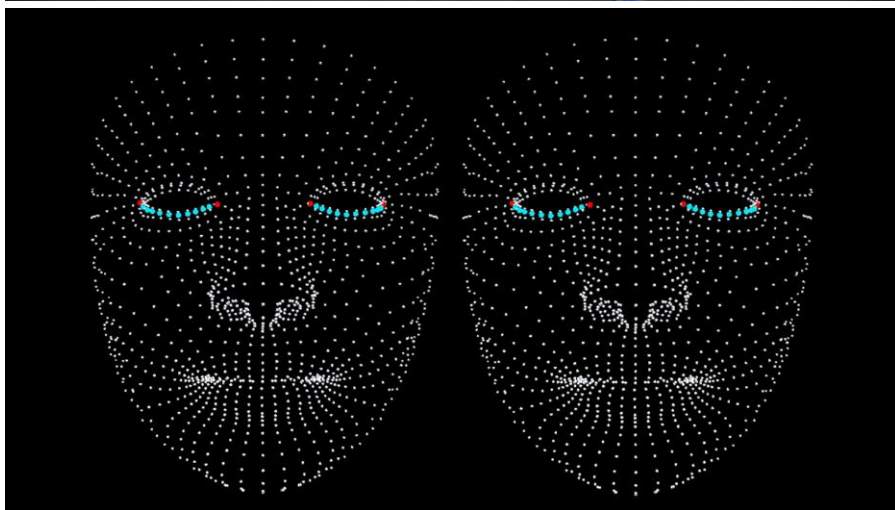
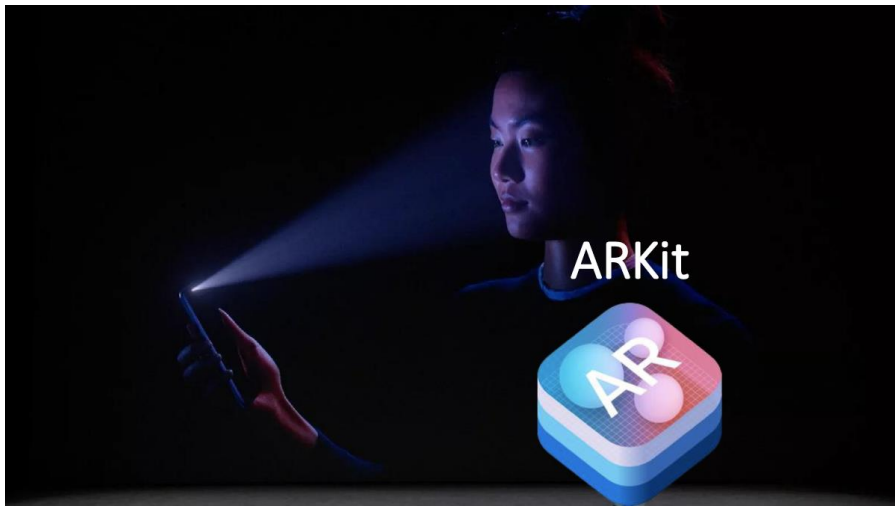


A programme of





**VisualFASD**  
Caring for who you love the most



$P_0, P_2$

$$E_c(f) = \frac{\sum_{k=1}^n (e_k)^2}{n}$$

**3D correction – Bezier  
Least Square Adjustment**

$$B(t) = (1-t)^2 P_0 + 2t(1-t) P_1 + t^2 P_2, t \in [0, 1]$$

$$P_c = \frac{P_0 + P_2}{2}$$

$$P = P_A - P_B$$

$$v = \sqrt{\text{dot}(P, P)}$$



# DIAGNOSIS OF FASD

Medical Grade tool for Accurate diagnosis

AI and Deep Learning Algorithms

Co-developed with Clinic Barcelona

Creating better diagnosis than a real doctor



9:41

## Form

Patient data

Age

Weight

Height

Head Circ.  ?

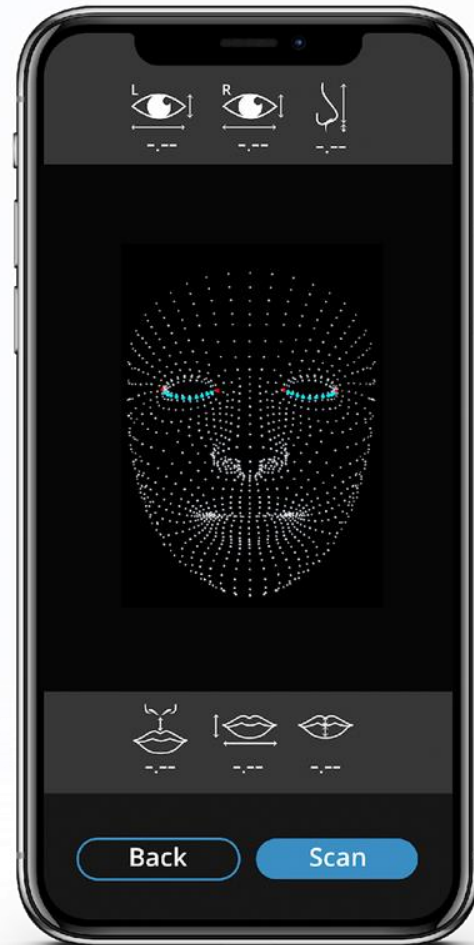
Ethnic

Alcohol consumption during pregnancy known or confirmed

Yes  No

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# TREATMENT OF NEUROCOGNITIVE DISORDERS

For professionals and families  
Multiuser & Collaborative scenarios  
Improved adherence using Virtual Reality  
Enabling remote psychological treatment



### Métricas



# TREATMENT OF NEUROCOGNITIVE DISORDERS



Mental XR





# BUSINESS MODEL

HEALTH PROFESSIONALS



DIAGNOSIS FOR FREE



**VisualFASD**  
Caring for who you love the most

MEDICAL PRESCRIPTION



PSYCHOTHERAPISTS



3K € PER LICENSE



1.5K € PER VR KIT



REMOTE TREATMENT



10 € PER USER



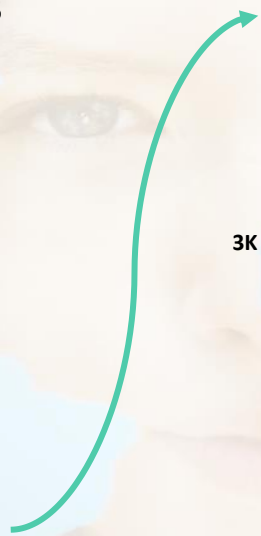
DISTRIBUTION



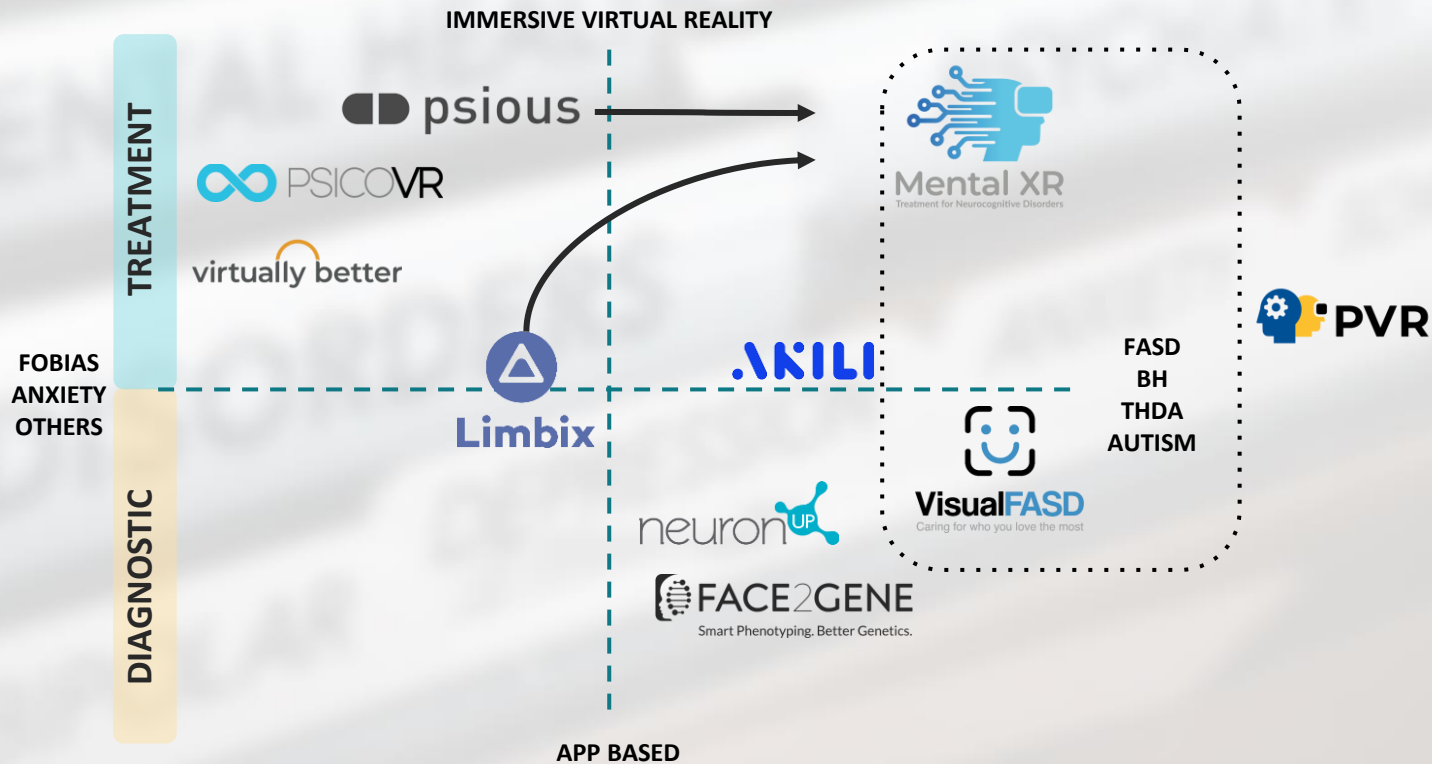
RESELLERS & PARTNERSHIPS

40% DIRECT

60% INDIRECT



# WHY US?



GRACIAS



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