VCare: Virtual Reality Therapy

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Meet the team

Neil Sadhukhan

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Motivations

01 COVID-19 Quarantine
   - Adults reporting symptoms of anxiety disorder:
     11% in 2019. 41.4% in 2021.
     (NHIS, U.S. Census)

02 Exposure Therapy
   - 60-90% patients have either no symptoms or mild symptoms

03 Virtual Therapy

04 Social Anxiety
VCare

VR Environment
Creates a controlled virtual environment where the patient can be exposed to their source of anxiety

Real-time Feedback Loop
Feedback loop that automatically adjusts the intensity of source of psychological stress

Live transcription and analytics
Transcription and NLP to provide data to feedback loop, post-session analytics for therapist to track progress
Live Demo
Future Goals

Parameters
Add more physiological parameters to our adjustment algorithm

Environments
Increased number of virtual environments

Translation
Connect people all over the world
Thank you

Any questions?