Designing Immersive Therapeutics (ITx) for Self-Administered, At-Home Use.

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Cofounder and President, AppliedVR
Healthcare Inequities and Gaps in Care are Exacerbating Massive Chronic Pain Epidemic.

Major Gap in Access to Care

1 provider per 30-60K

Growing HCP Shortage

700,000 HCPs exited in 2021

Current guidelines call for integrated pain care, but US lacks capacity to deliver

Mercer predicts shortage of 3.2 million healthcare workers by 2026

Privileged and Confidential.

THE SOLUTION

Self-Administered Care Model.

**Increased Access**
Self-administered options combat the provider shortage, healthcare inequities & limited drug-free options for relief.

**Convenience At Home**
VRx obviates the need for travel to clinical location & overcomes limitations of timing & access. It empowers patients with a safe and effective therapeutic they can use at home.

**Infrastructure for Scale**
We are building the Infrastructure needed to deliver VRx at scale, including a proprietary content delivery system and portfolio strategy, within a regulatory, reimbursement and patient support ecosystem.
RelieVRx is Optimized for In-Home Care.

- FDA-authorized (Class II) for CLBP, in-home use
- Pico G24K VR headset + controller
- Integrated, proprietary breathing amplifier
- Pre-installed content
- Product is shipped directly to homes, ready-to-use out of the box
- Comprehensive patient support program

IEC 60601-1-11: Medical compliance for home health care electrical equipment
AppliedVR Is Pioneering Immersive Therapeutics (ITx) to Enable Access to Home-based Integrated Therapy.

Product Design/Validation Process for RelievRx:

- User research (patient and clinician interviews): n=15
- At-home feasibility pilot: n=68
- Qualitative at-home ethnography: n=30
- Quantitative concept test: n=360
- At-home RCT (non-sham controlled): n=97
- At-home RCT (sham controlled): n=188
- At-home HEOR RCT: n=1000 (in progress)
- At-home pivotal RCT: n=188

Enable Access to Home-based Immersive Therapeutics (ITx) to Pioneering AppliedVR
**Validation with**

**Our 3 E's of Product Design.**

**Efficacious**

**At the end of treatment relative to pre-treatment, clinically meaningful reductions (i.e., those 30% or greater).**

<table>
<thead>
<tr>
<th>Measure</th>
<th>RelieVRx</th>
<th>ShamVR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pain intensity</td>
<td>24%</td>
<td>42%</td>
</tr>
<tr>
<td>Interference with activity</td>
<td>52%</td>
<td>49%</td>
</tr>
<tr>
<td>Interference with sleep</td>
<td>57%</td>
<td>36%</td>
</tr>
<tr>
<td>Interference with mood</td>
<td>37%</td>
<td>57%</td>
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**At 6 months post-treatment, clinically meaningful reduction (i.e., those 30% or greater).**

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<th>RelieVRx</th>
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</thead>
<tbody>
<tr>
<td>Pain intensity</td>
<td>16%</td>
<td>31%</td>
</tr>
<tr>
<td>Interference with activity</td>
<td>35%</td>
<td>45%</td>
</tr>
<tr>
<td>Interference with sleep</td>
<td>21%</td>
<td>39%</td>
</tr>
<tr>
<td>Interference with mood</td>
<td>43%</td>
<td>33%</td>
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**Easy-to-Use**

RelieVRx rated A+ in usability according to industry benchmarks.

**Engaging**

Patient engagement with RelieVRx drove strong adherence.

Average RelieVRx sessions per week: 5.4

% of participants who completed study: 89.4
Aligning 4 P's of Healthcare.

**Patients:** VRx must be easy to use, effective, and engaging

**Payers:** VRx must address a core cost driver with demonstrated cost effectiveness and health outcomes evidence

**Providers:** VRx must fit into workflow, fall under treatment guidelines, and lead to positive healthcare outcomes and satisfaction with patients

**Policy Makers:** VRx must be safe, effective and compliant with a comprehensive list of medical device requirements, including quality and cybersecurity
Future Vision.

VR Pharmacy in the Home

Built as a platform to deliver multiple therapies for pain, behavioral and mental health.

Peer Support and Connections

Synchronous VR group therapy reinforces program concepts, addresses the impact of social isolation on pain, and connects patients to a support network.

Personalization and Precision VRx

Proprietary biofeedback & data platform optimize outcomes for each individual patient.