

Vansun Reality

Specific Phobia Psychological Rehabilitation Training Software

A New Approach to Treating Acrophobia Empowered by Virtual Reality Technology

Virtual Reality 
Virtual Reality Technology

Model Specification: NH-DTX-ACROPHOBIA-1.0



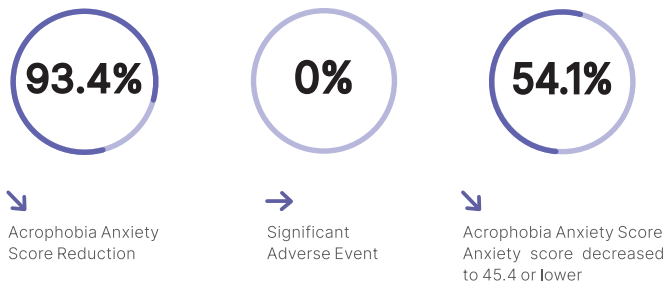
Product Overview

This product version is approved as a Class II medical device in China for conducting specific phobia psychological rehabilitation training using virtual reality.

Product Features

 <p>Efficient Intervention Personalized Multi-tiered Construction High Treatment Efficacy Clinically Reproducible</p>	 <p>Safe and Reliable Small Space Adapts to Real-world Scenarios Therapist Oversees the Entire Process.</p>
 <p>Long-term Management Standardization Elevates Treatment Success Rate Cloud Platform Enables Multi-Service Support</p>	 <p>Broadly Accessible Single System with Seamless Mobility Complete Solution Deployment with True Efficiency</p>

Data Area



Exposure Therapy & Training

The virtual scenarios stimulate the patient's visual, auditory, and tactile senses to balance brain excitation and inhibition functions, thus undergoing psychological rehabilitation.

Mechanism of Action

By using VR equipment to create a three-dimensional virtual space, the software simulates the real environment associated with the disease. By altering the virtual scenarios, it stimulates the patient's visual, auditory, and tactile senses, evoking anxiety and fear. Under the guidance of medical professionals, patients are taught relaxation techniques, ultimately achieving desensitization treatment.

Treatment Scenarios

The treatment scenarios are divided into two common categories: urban and mountainous. In urban scenarios, there are three tasks: riding an elevator, standing on the edge of a rooftop, and walking on a suspended walkway.



Each scenario has 3 levels of difficulty:

- Opaque elevator, semi-transparent elevator, fully transparent elevator
- Opaque barrier platform, semi-transparent barrier platform, no barrier platform
- Opaque bottom suspended area, semi-transparent bottom suspended area, fully transparent bottom suspended area

• Product Environmental Requirements

Venue requirements: To achieve the best therapeutic effect, the therapist should ensure the treatment room environment meets the following conditions:

- Quiet and cozy interior layout, soft lighting, avoiding factors that distract patients.
- Effective room soundproofing to reduce noise disturbance.
- Furnishings for rest and relaxation, such as sofas and chairs.

• Warnings during Use

- Use this software under the guidance of medical staff.
- Before clinical use, train patients in the use of relevant equipment, such as controllers and VR glasses.
- Do not move the locator arbitrarily during use, nor exceed the locator's range.
- If the patient feels discomfort, such as dizziness or nausea, stop using immediately.
- Each session using this software should not exceed 45 minutes continuously.
- If the system crashes, restart and continue.
- Before using the product, carefully inspect the accompanying hardware for any damages, and ensure that the cables, positioners, VR goggles, and controllers are intact and securely connected. If any anomalies are detected, promptly disconnect the power and report to a professional technician for repair.

• Tips

- Use the official hardware products.
- Designate a computer exclusively for this software, avoid installing unrelated programs.
- Use the software in a suitable environment, considering space and safety.
- For other details, refer to the product manual.

NERVTEX PTE LTD

WOODLANDS CLOSE, #09 - 45 WOODLANDS 11, 737853, SINGAPORE

 **400-081-9060**

Email: inquiry@neutronhealth.com



• Software Operating Environment

Software	
Steam	v020(1634158817) or later compatible versions
SteamVR	1.12.5(1590711374) or later compatible versions
Streaming Assistant	Supports wireless streaming
VR Glasses	Supports wireless streaming
	Resolution: 2560*1440 or higher
	Refresh Rate: 75Hz or higher
	Tracking: 6DoF or higher
Control Handles	3DoF controller or more
Router	Supports 5GHz Wi-fi

PC	
CPU	Intel(R)Core (TM) i5-8500 CPU@3.00GHz 3.00GHZ
Memory	16GB
Disk	256GB
Graphics Card	NVIDIA Geforce GTX1070
Display Resolution	1920*1080

• Declaration

The software needs to be used in professional psychological treatment institutions and medical institutions, with onsite guidance from professional therapists. Specific use plans will be set by therapists based on patient conditions.

