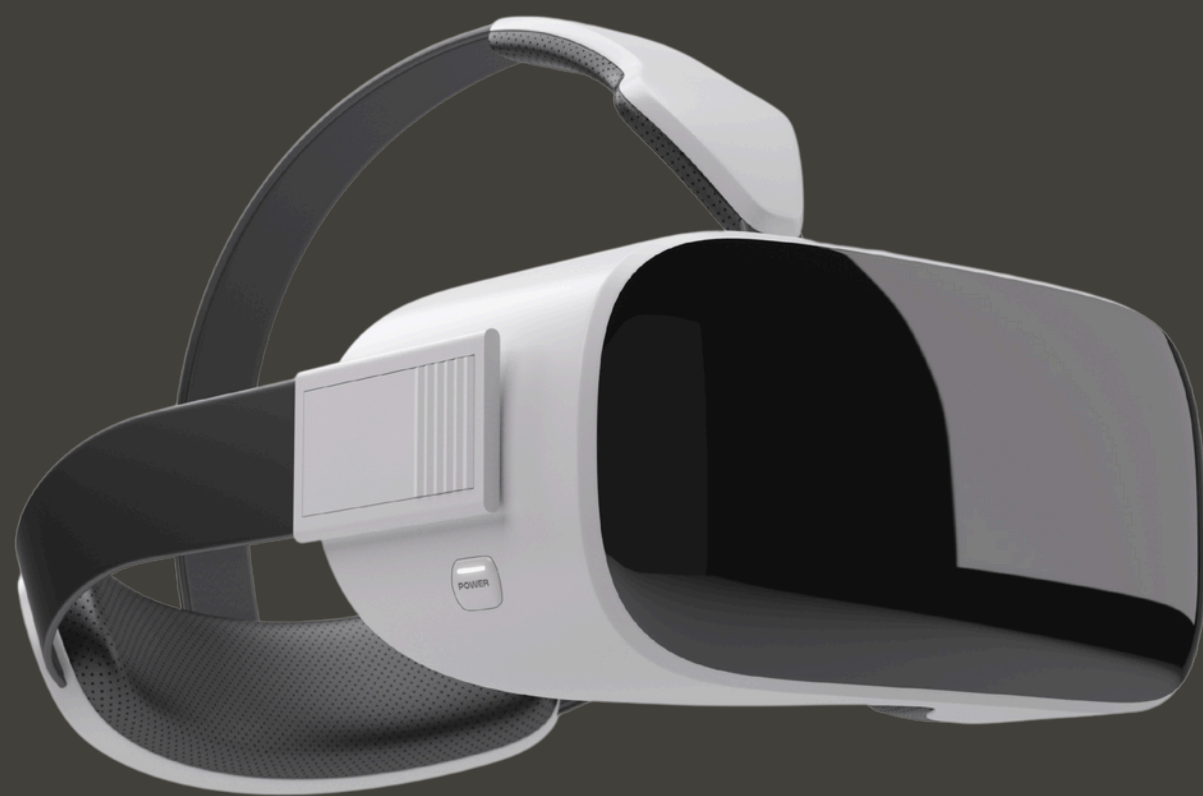


Rifad

User Manual **Rifad–Blood Draw Simulation** **Interactive Medical Training Using Virtual Reality**

Version: 1.0

Date: May 2025



Introduction

Rifad is a smart training application designed to teach the blood draw procedure through an interactive 3D simulation.





It helps healthcare students and caregivers practice clinical steps safely, flexibly, and without real patient risk.

Target Users:

- **Medical & Nursing Students**
- **Home caregivers**
- **Public (future versions)**

Rifad–Blood Draw Simulation







System Requirements:

-  Device: Laptop or Desktop
-  OS: Windows 10 or MacOS
-  RAM: 4 GB minimum
-  Additional Software: None

Installation & Launch

- Unzip the Rifad simulation folder
- Open and run Rifad.exe
- Wait for the simulation to load
- Click Start Training on the main screen

How to Use

-  1. Wear Gloves – Click the gloves
-  2. Select a Vein – Deep, Surface, or Medium
-  3. Ask Assistant – Get cannula advice
-  4. Choose Cannula – Based on recommendation
-  5. Apply Gauze & Tape
-  6. View Performance Report

Installation & Launch

User Interface Overview

- 1 Start Button – Launch the simulation
- 2 Ask Assistant – Get tool recommendations
- 3 Gloves, Gauze, Cannula, Tape – On table
- 4 Vein Selection – Clickable points on patient hand

