Measuring Vitals: Equipment Exploration

Overview:

Embark on an educational journey with "Measuring Vitals: Machine Exploration," where immersive virtual reality technology revolutionizes medical learning. This comprehensive program is designed to simulate commonly used healthcare machinery, providing participants with hands-on practice and experience in using essential medical equipment and tools. From routine health assessments to emergency response techniques, this simulation series offers a risk-free yet incredibly realistic training ground, perfect for aspiring healthcare professionals or anyone eager to understand the medical realm's practical side.

How to Find the Experience

Once logged in on the VXRLabs homepage, navigate to the "Subjects" tab, select the "Health Science" option from the left-side menu, then select "Measuring Vitals: Machine Exploration" module.

Gameplay Instructions

The following equipment is available for free:

Thermometer:

Participants will master the quick yet precise art of gauging body temperature, a fundamental diagnostic practice in healthcare.

Pulse Oximeter:

Users learn the efficiency of the pulse oximeter, vital for monitoring a patient's oxygen saturation and understanding its implications on health.

ECG Machine:

The course demystifies the operation of ECG machines, teaching users to capture essential heart rhythm data for cardiac assessments.

Sphygmomanometer:

Trainees will grasp the skill of measuring blood pressure manually.

Otoscope:

The program covers the use of the otoscope, essential for ear examinations and early detection of issues within the auditory canal.

Vital Sign Machine:

Participants learn to synthesize multiple health indicators using a vital sign machine.

Computer Charting System:

The training emphasizes the importance of accurate, confidential digital record-keeping, instructing users on the nuances of medical data entry.

AED Defibrillator:

Users are introduced to emergency cardiac procedures, specifically the operation of AED defibrillators, instilling confidence to act decisively in critical scenarios.