

# NEONATAL RESUSCITATION PROTOCOL - VR TRAINING SIMULATION

## PROBLEM

Lack of knowledge and skills: Unqualified healthcare attendants may not have the necessary knowledge and skills to provide proper neonatal care, which can lead to preventable deaths.

Lack of resource: Most hospitals lack training resources such as manikins, which makes hands-on difficult.

## SOLUTION

Provide a standalone training tool which allows healthcare professionals to train themselves in NRP process and emergency situation. Make the tool more effective than conventional methods such as manikins. We chose Oculus quest dashboard based high fidelity simulator with stepwise instruction and simulated worst case scenarios.

1. Stress level management - 32% higher
2. Time management - 9 Day faster
3. Rapid response to unpredictable situations- 23% Faster
4. Attentiveness - 8% better

1. Trained 78 Healthcare Professionals
2. Reduced training time up-to 33%
3. Increase in confidence among freshers





Neonatal Resuscitation Protocol -  
**VR TRAINING SIMULATION**

