

NEWBASE

AI Patient First Real Patient Safer

Play to Save Lives!



Powered by
NEWBASE

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ABOUT US

WE AIM
SUPER QUALITY
SUPER ACCESSIBILITY

Newbase is not just a tech company

we are innovators and problem solvers in medical simulation training.

Newbase was founded in January 2014 with a mission to make advanced medical education accessible even in developing countries.

By going beyond technology to solve real-world challenges in clinical training, we have grown into a trusted education partner for over 100,000 healthcare trainees annually in Korea.

Recently, we successfully established the first national VR Simulation Center at the Mongolian National University of Medical Sciences, marking a major step in our global expansion.

Now, our vision extends beyond VR simulation, we are developing a next-generation Meta-Hospital with super quality and super accessibility.



Newbase has built the First VR Simulation Center in Mongolia.

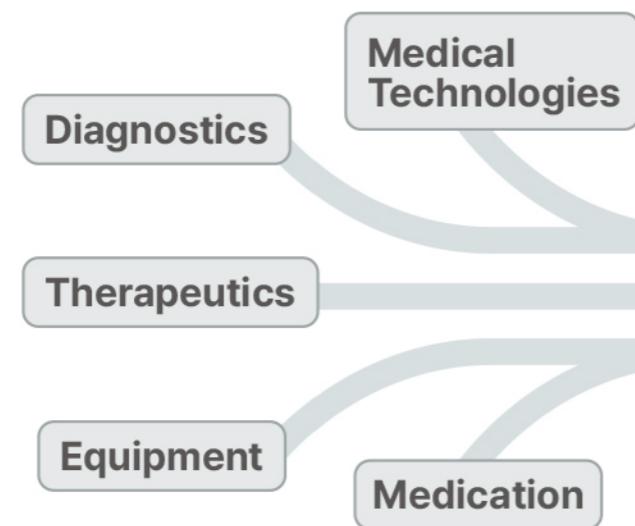


WHAT WE DO

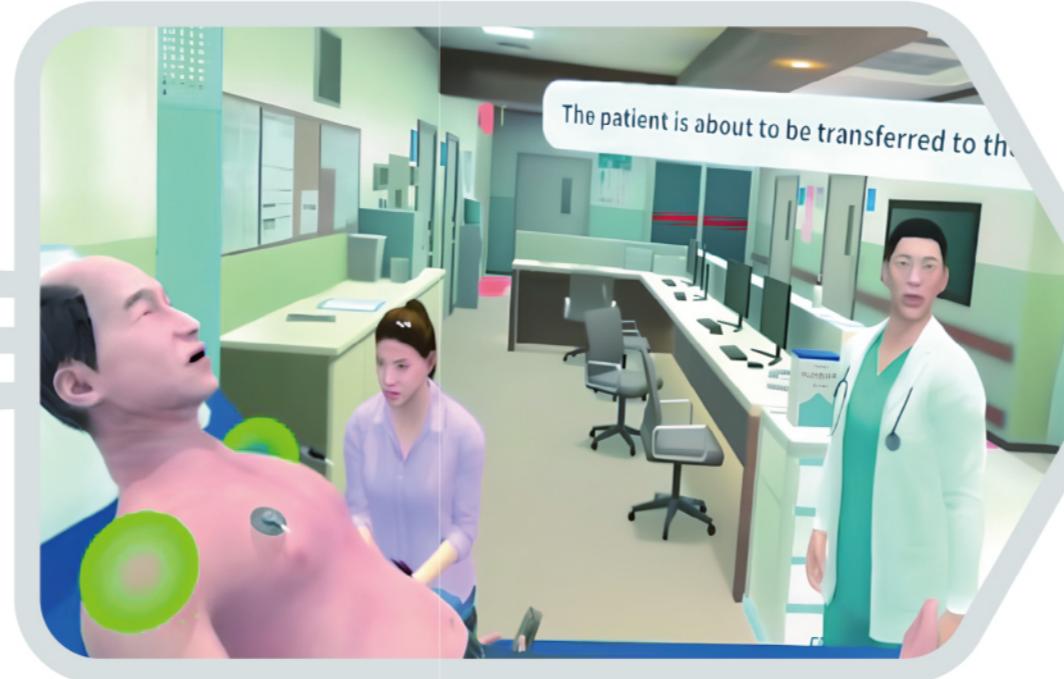
From Innovation to Care,
Faster And Safer

Contributing to the faster and safer delivery of
new medical technologies into clinical settings.

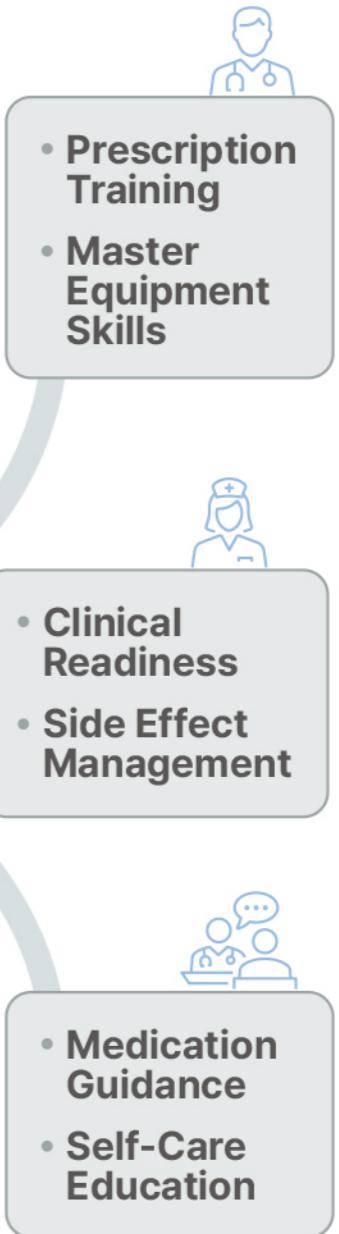
INNOVATIVE MEDICAL INDUSTRY



NEWBASE AI PATIENT SIMULATION PLATFORM

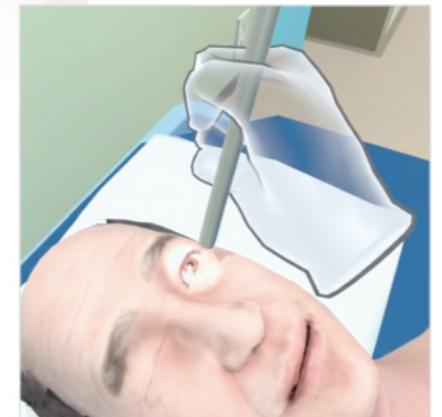


CLINICAL FIELDS



PRODUCT

Medicrew VR Nursing



FEATURES

Interactive training with AI patient

- Practice Patient Interviews and clinical communication
- Symptom-driven, natural dialogue

Hands-on practice, anytime, anywhere

- Repeat procedures without equipment
- Safe and standardized Skill training

Data-driven learning outcomes

- Checklist-based evaluations
- Personalized feedback and progress tracking

No coding, fully customizable

- Create hospital-specific scenarios
- Build and edit without developers



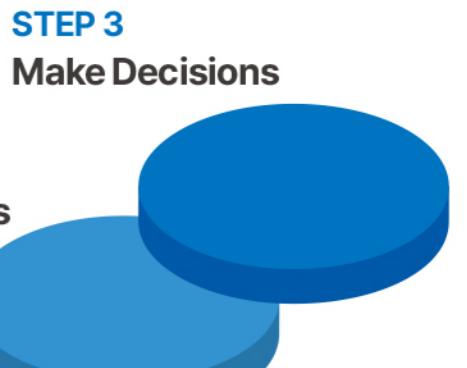
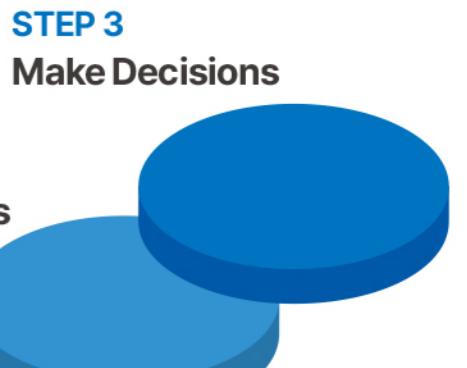
ALL-IN-ONE NURSING SIMULATION

From basic training to professional development, we support the entire nursing education process.

STEP 1 Learn Skills

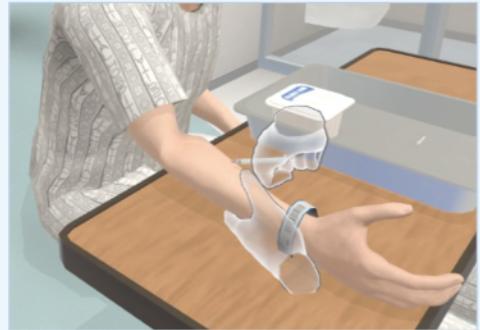


STEP 2 Act orders



STEP 1. LEARN SKILLS

Skill-Based Scenarios

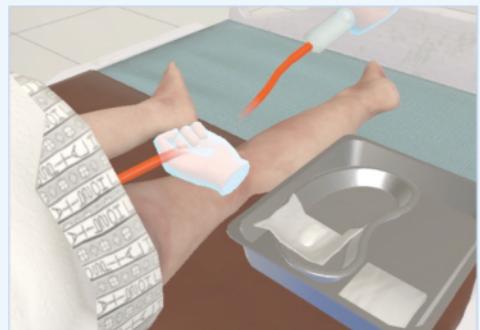
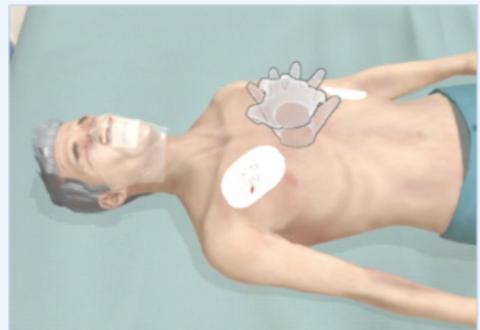


Patient Types **Adult Male/Female**

Duration **7~15min**

Includes

1. Vital sign measurement
2. Oral medication
3. Intramuscular Injection
4. Subcutaneous Injection
5. Intradermal Injection
6. Intravenous Fluid Infusion
7. Blood Transfusion Therapy
8. Intermittent Enteral Feeding via NGT
9. Simple Catheterization (Female)
10. Simple Catheterization (Male)
11. Indwelling Catheterization (Female)
12. Indwelling Catheterization (Male)
13. Evacuation Enema
14. Peripheral oxygen saturation measurement
15. Oxygen therapy using nasal cannula
16. Suctioning
17. CPR and Defibrillator Application
18. Pain Management
19. Pressure Ulcer Management and Fall Prevention Nursing
20. Drain Management



STEP 2. ACT ORDERS

Disease-Based Scenarios



Patient Types **Adult, Elderly, Pediatric, Pregnant**

Duration **7~15min**

Includes

1. Pneumonia
2. Bradycardia
3. Esophageal Variceal Bleeding
4. Electrolyte Imbalance
5. Acute Myocardial Infarction
6. Prenatal Nursing Care
7. Intrapartum Nursing Care
8. Gestational Diabetes
9. Gestational Hypertension



STEP 3. MAKE DECISIONS

Symptom-Based Scenarios



Patient Types Adult, Elderly, Pediatric, Infant

Duration 7~15min

Includes

1. Mental Change (Emergency Medicine)
2. Hyperthermia (Hepatobiliary and Pancreatic Surgery)
3. Hypotension (Gastroenterology)
4. Chest Pain (Cardiology)
5. Chest Discomfort (Cardiology)
6. Nausea/Vomit (General Surgery)
7. Nausea/Vomit (Gastroenterology)
8. Dyspnea (Hepatobiliary and Pancreatic Medicine)
9. Hyperthermia/Dyspnea (Pediatrics)
10. Hyperthermia (Pediatrics)



NEW RELEASE : MEDICREW VR PRO

AI PATIENT COMMUNICATION

Symptom-driven dialogue that adapts to the learner's input



SCENARIO STUDIO

Create, Customize without Developers

- Checklists Editing
- Scenario Editing
- Patient Dialogue Editing
- Item Editing (Devices, Consumables, Medications)



PRODUCT

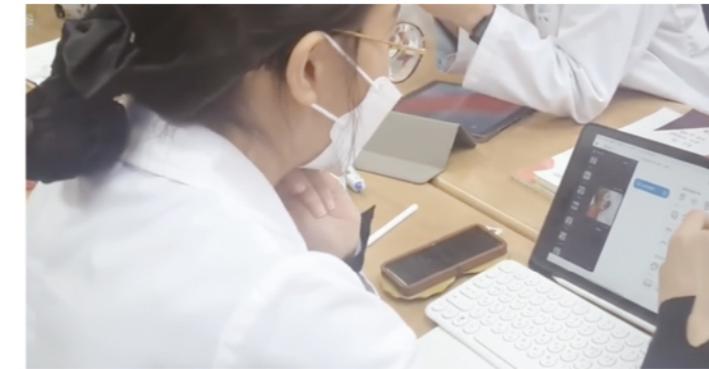
Medicrew Mobile Pre-Hospital/Hospital



**From Theory to Simulation
Learn Faster, Understand Better**

[Download on the App Store](#) [Google Play](#)

- From Classrooms to Large-Scale Training
- No Extra Devices. Just Download and Learn
- Enhancing comprehension of complex medical protocols and algorithms with immersive interaction.



CURRICULUM

Neurological Assessment



Glasgow Coma Scale



Pupil response



Muscle strength

Mass Casualty Triage



Global Sorting



Patient Assessment - Breathing



Patient Assessment - Pulse



Apply Triage

Injection practices



Blood Draw

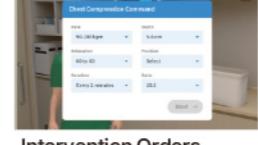


IV Injection

ACLS AHA Guideline



CPR Broadcasting



Intervention Orders



Emergency Care



Cardiac Rhythm Check

Respiratory Infection Care



Putting on PPE



Patient Care



Specimen Collection



PPE Doffing

	Neurological Assessment	Injection Practices	Mass Casualty Triage	ACLS	Respiratory Infection Care
Duration	7 min	5 min	5 min	10 min	20 min
Includes	- Glasgow Coma Scale - Pupil response - Muscle strength	- Blood Draw with 20 patient cases - IV Injection with 20 patient cases	- Bus Crash - Long-Term Care Hospital Fire - Warehouse Fire - Stadium Radiation Leak	- Scenario 1 - Scenario 2	- Initial Response - Isolation Ward Care - Severe Infection Care

LICENSE PLAN

Medicrew VR Nursing



Features	Basic (2025's version)	Pro (2026's version)
3-Step of Nursing Curricula	<input type="radio"/>	<input type="radio"/>
Continuous New Scenario Updates	Free	Free
User Management	<input type="radio"/>	<input type="radio"/>
Evaluation Reports	<input type="radio"/>	<input type="radio"/>
Practice Records	<input type="radio"/>	<input type="radio"/>
AI Patient Communication	X	<input type="radio"/>
Checklists Editing	X	<input type="radio"/>
Scenario Editing	X	<input type="radio"/>
Patient Dialog Editing	X	<input type="radio"/>
Item Editing (Devices, Consumables, Medications)	X	<input type="radio"/>
License option	Basic	Pro
Lifetime (3-Year Free Warranty)	<input type="radio"/>	X
Yearly Subscription	<input type="radio"/>	<input type="radio"/>

LICENSE PLAN

Medicrew Mobile



Modules	Pre-hospital	Hospital
Neurological Assessment	<input type="radio"/>	<input type="radio"/>
Mass Casualty Triage	<input type="radio"/>	<input type="radio"/>
Injection practices	X	<input type="radio"/>
ACLS	X	<input type="radio"/>
Respiratory Infection Care	X	<input type="radio"/>
License option	Pre-hospital	Hospital
Lifetime (3-Year Free Warranty)	<input type="radio"/>	<input type="radio"/>
Yearly Subscription	<input type="radio"/>	<input type="radio"/>
Monthly Subscription	<input type="radio"/>	X

HOW TO SET UP YOUR VR SPACE

01. Clear the Area

- Remove chairs, tables, and any obstacles.
- Make sure the floor is free of cables or items that may cause tripping.

02. Choose a Safe Zone

- Ensure at least 2m x 2m of open space for room-scale VR.
- For seated or stationary experiences, ensure enough space for free arm movement.

03. Good Lighting

- Provide consistent lighting (avoid direct sunlight or complete darkness).
- This helps the headset sensors track accurately.

04. Mark the Boundaries

- Use the Meta Quest Guardian system to define safe play areas.
- Adjust boundaries each time you move to a new location.

05. Stable Internet Connection

- Connect to a reliable Wi-Fi network for smooth casting, updates, and multiplayer use.

HEADSETS & CHARGING CABINET

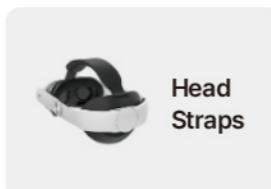


Meta Quest 3
RECOMMENDED

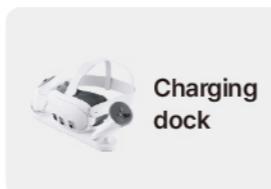


VR Storage
Cabinet

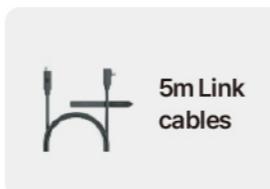
ACCESSORIES



Head
Straps



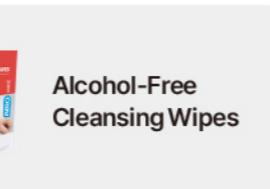
Charging
dock



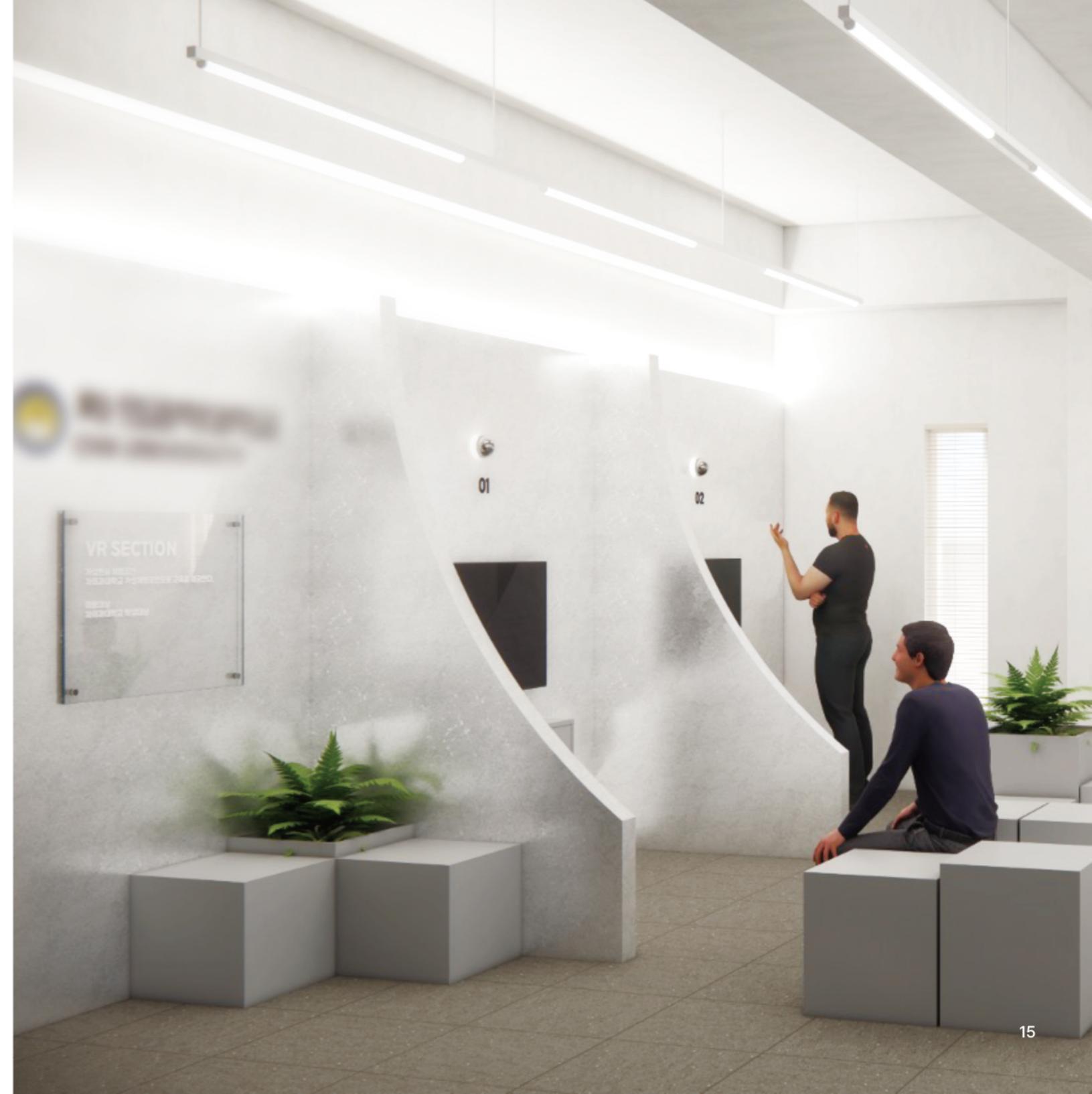
5m Link
cables



Disposable Face Mask
100 EA / set



Alcohol-Free
Cleansing Wipes



PROVEN IMPACT

Educational Outcomes

Improved job adaptation for new nurses

Patient care expertise

98% Nursing competency development

98% Willingness for future VR training

95% Overall satisfaction

94% Patient care expertise

Organizational Impact

Improved job adaptation for new nurses

13.2 % Reduction in nurse turnover

in Hallym University Sacred Heart Hospital

Better preparation → Better retention → Stronger workforce



Why They Chose MediCrew

Improved job adaptation for new nurses

Reliable & repeatable
training

Scalable for
large groups
2,200+
participants annually
in Asan Medical Center

Directly applicable
to real clinical practice

