

A3.3 Creating the Job-Portrait For VR Simulations key jobs needs



HEALTHCARE NURSING ASSISTANT

Country: Greece



CORE SKILLS

- Knowledge of hygiene practices for disease and infection prevention, and compliance with established protocols
- Provision of first aid in emergency situations
- Administration of patient care and systematic monitoring
- Improving health based on teamwork, confidentiality and communication skills

HOW XR ENHANCES TRAINING

Training Scenarios

- Improve understanding of anatomical structures and systems
- Compliance with safety standards and infection prevention protocols
- Medication management and patient care simulations
- Virtual patient interaction. Develop emotional resilience and communication under pressure

XR Benefits

- Safe practice of clinical skills without risk
- Repetition and mastery without resource constraints
- Safe practice of hazardous tasks
- Enhance diagnostic practice and clinical reasoning through case-based learning
- Real-time guidance and performance tracking. Increase accuracy and consistency
- Reduced training costs and remote learning opportunities



COUNTRY-SPECIFIC

- **Challenges:** High equipment and maintenance costs, high-quality XR content, technical barriers and rapid changes, handling sensitive patient data and security concerns.
- **Training Availability:** Basic vocational programs are available, but specialized nursing practices are limited. Low accessibility.
- **Needs:** Adaptation of current curricula. Assessment of skills transfer. Research & pilot programs. Instructor upskilling and affordable access models. Match the evolving healthcare protocols.

CAREER PATHWAY

Progression: Nursing Assistant → Senior Caregiver → Registered Nurse (requires further formal education and certification)



TRAINING

- **Training Mode:** Blended learning combining online theory, VR/AR modules, and clinical placements.
- **VET Providers:** Public VET Institutes, healthcare employers, regional hospitals.

