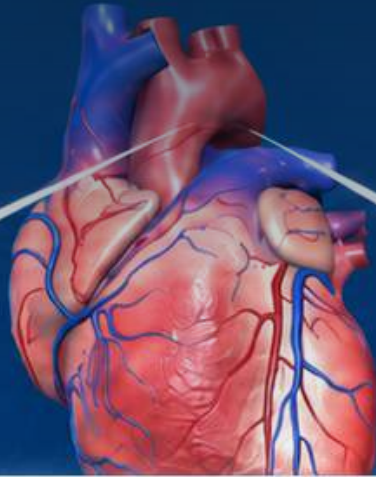




7thi AI tutor

● Live

**User:** How does the human heart pump blood efficiently?

VIRTUAL REALITY FOR HEALTHCARE EDUCATION



7thi AI: The heart pumps blood using four chambers, valves, and rhythmic contractions. Deoxygenated blood goes to the lungs, while oxygen-rich blood is sent to the body, ensuring continuous circulation and support for every organ.

iXRLabs Healthcare

Anatomy in 3D. Physiological systems you can walk through. Clinical and nursing skills you can rehearse safely and repeatedly.

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Slide 1 /

iXRLabs brings virtual reality to medical, nursing, and paramedical programmes worldwide — two tracks, one platform, with the 7thi AI tutor in every module.

Learners move beyond static diagrams and passive observation: they explore anatomical structures, watch physiological systems in motion, and rehearse clinical procedures in a guided, repeatable, assessment-ready environment — built for medical schools, nursing schools, and teaching hospitals.

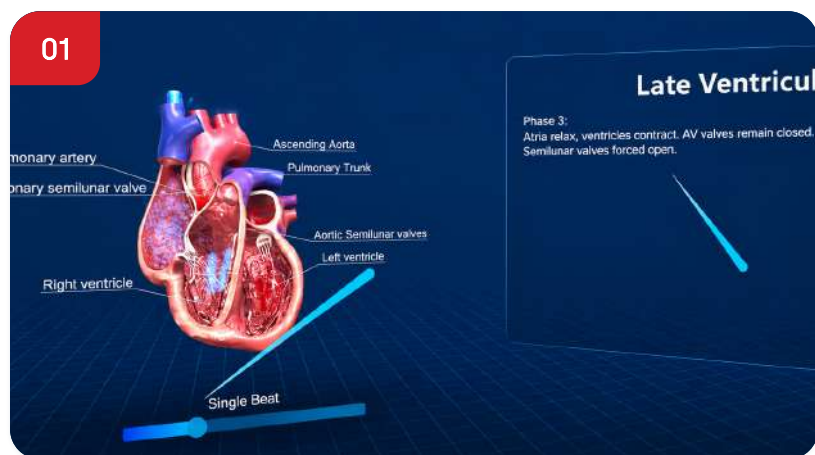
100+

Healthcare modules

- ✓ Medical track — anatomy to procedure
- ✓ Nursing & clinical skills track
- ✓ Curriculum-aligned & assessment-ready

From anatomy to physiology to clinical procedure training.

iXRLabs Healthcare helps students move beyond static diagrams and passive observation. Learners explore anatomical structures, understand systems in motion, and rehearse clinical procedures in a guided, repeatable environment.



MEDICAL · ANATOMY

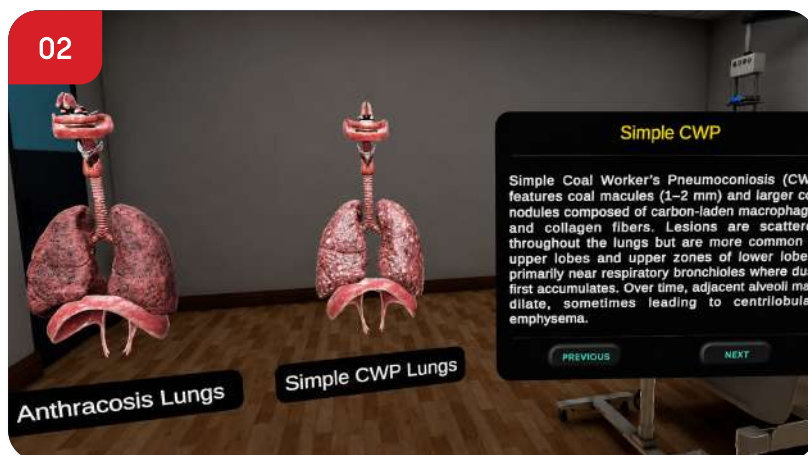
3D Anatomy Models

Manipulable, life-size anatomical systems — heart, lungs, brain, musculoskeletal, and more. Students rotate, isolate, section, and zoom into labelled structures from any angle.

MEDICAL · PHYSIOLOGY

Physiological Simulations

Dynamic systems shown in motion. Cardiac cycle, respiratory exchange, circulation, and disease progression become visible, spatial, and easier to understand.



MEDICAL · PROCEDURE

Clinical Procedure Training

Step-by-step procedural walkthroughs with decision points, patient context, and assessment. Students practise safely before they perform in real clinical environments.



Medical learning, made spatial.

Students can see what is normally hidden, slow down what is normally too fast, and repeat what is normally limited by access, safety, or scheduling.

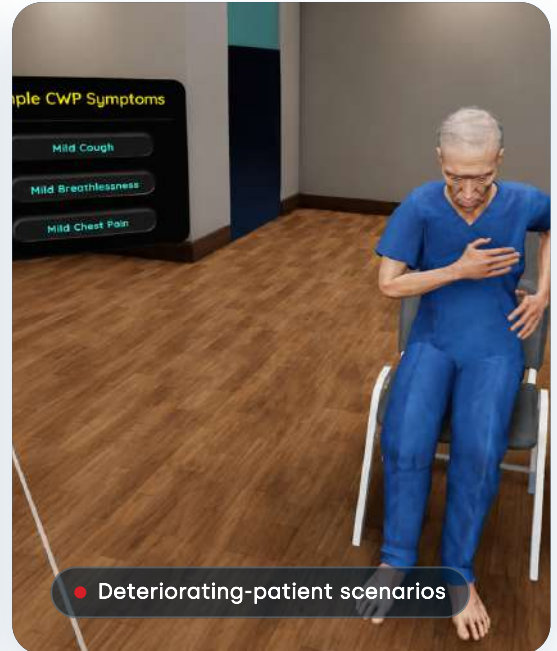
CLINICAL SKILLS, REHEARSED SAFELY.

A complete nursing and clinical skills track.

The nursing track lets students practise clinical skills and patient communication in a safe, repeatable environment — building competence and confidence before placements, skills labs, and OSCEs.



• Patient assessment & history-taking



• Deteriorating-patient scenarios



Foundation skills

Anatomy, patient safety, vital signs, hand hygiene, and infection control — the groundwork for safe practice.



Technical proficiency

Injections, cannulation, wound care, and medication administration, rehearsed step by step with feedback.



Advanced practice

Deteriorating-patient scenarios, emergency response, and clinical decision-making under realistic pressure.



Patient communication

Communication, consent, history-taking, and counselling scenarios that build empathy, clarity, and confidence.

THE PLATFORM

Four pillars behind every healthcare module

01 VR Modules

Immersive 3D healthcare modules — anatomy, physiology, clinical skills, patient scenarios, and procedural learning students can explore and repeat safely.

02

WebXR Delivery

Runs in any browser and on VR headsets like Meta Quest, ClassVR, and Pico — no installs, no app-store approvals. Open a link and start learning.

03 7thi AI Tutor

An AI tutor inside every module — explaining anatomy, guiding procedures, answering questions, and adapting support to each student in real time.

04

Faculty Analytics

A dashboard for every cohort — completion, performance, skill progress, and outcome mapping, with export-ready evidence for academic review and accreditation.

BUILT FOR HEALTHCARE INSTITUTIONS.

One healthcare platform for medical, nursing, and clinical training.



Medical colleges

Pre-clinical, para-clinical, and clinical modules mapped to your MBBS, MD, or equivalent curriculum.



Nursing schools

A full nursing track: foundation skills, technical proficiency, advanced practice, and patient communication.



Teaching hospitals & NHS

Training and upskilling modules for clinical staff, delivered on headsets or browsers with minimal IT overhead.

Mapped to medical & nursing curricula.

Aligned to recognised healthcare education frameworks, verified with your faculty before deployment.

• NMC

• GMC

• University Syllabi

• Nursing Curricula

• Paramedical Training

[Request a syllabus map for your institution →](#)

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Book a Demo

Bring immersive healthcare training to every learner. Visit www.ixrlabs.com to book a demo.



Virtual Reality for Healthcare Education



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