



University Hospital Cologne

One of Germany's most outstanding medical centers

ACCELERATING THE WORLD'S
TRANSITION TO MEDICAL XR TRAINING.



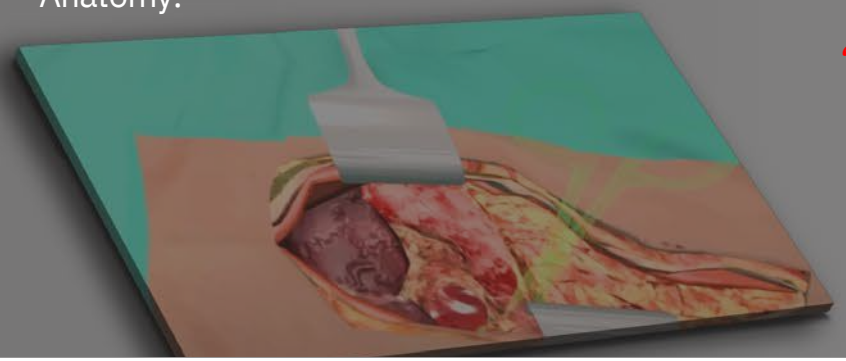
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The most detailed VR collection of Topographical Anatomy.



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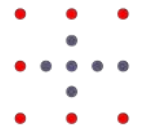


“Working with ORamaVR on the Bursa omentalis simulations is really exciting for us. No one ever before had this opportunity to do it like that.”

Dr. Rabi Datta

Specialist for Visceral Surgery – Coordinator Medical Education

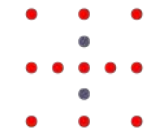
THE CHALLENGE



Deformities and Rigidity in Cadaveric Anatomy Representations

- Pursuing enhanced effectiveness **beyond traditional** teaching methods and textbooks.
- Addressing challenges in understanding **Omental Bursa (OB)** anatomy (collapsed OB, dehydration, autopsy malformation).
- High-quality XR simulation offering **cost** and **time efficiency**.

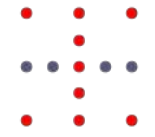
THE SOLUTION



XR Human Anatomy: Surgical Modes & Exploration.

- Collection of **7** custom-made abdominal surgery XR simulations.
- **Novel, scalable** and **immersive** XR experience to tackle OB anatomy challenges.
- Visualization and interaction with **realistic real-time** simulation of **soft bodies**.

THE INNOVATION



Unique XR Representation of the Topographical Anatomy Courses.

- **Largest** ever **interactive** abdominal anatomy and surgery collection of **XR simulations**.
- Ground-breaking approach to **visualization** of **Omental Bursa** morphology.
- **10+ scenarios** per simulation.
- An **In-Depth First-Person** Exploration of Topographical Anatomy from the Inside Out.

[VIDEO](#) →



Designed in Switzerland

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	ORamaVR	Competition
Distribution & Licensing	ORamaVR Launcher	Competition's Distribution Hub
Admin Overview	ORamaVR Portal	Competition's Dashboard
Analytics	Errors, Critical Errors, Warnings, Score per action, Total score, Time per action/module	Pass/Fail Results, Elapsed time per step/module, Total number of steps passed
Multiplayer	✓	✓
Hardware Agnostic	PC (Windows, MacOS), iOS, Android, Universal XR (Quest, Vive, Pico), Magic Leap, Hololens, Apple Vision Pro Collaborate seamlessly across diverse devices in a shared XR environment.	PC, Quest, Focus 3
XR App Client Ownership	✓	✗
Extend/Modify/Update the Final XR App	Free Includes 1-year MAGES SDK for professionals subscription	✗
Marketplace	<u>MAGES APP</u> Free listing with shared revenue agreement	✗
In-Depth Inside-Out Anatomy	✓ First Person exploration inside the organs	✗ Only External Viewing



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