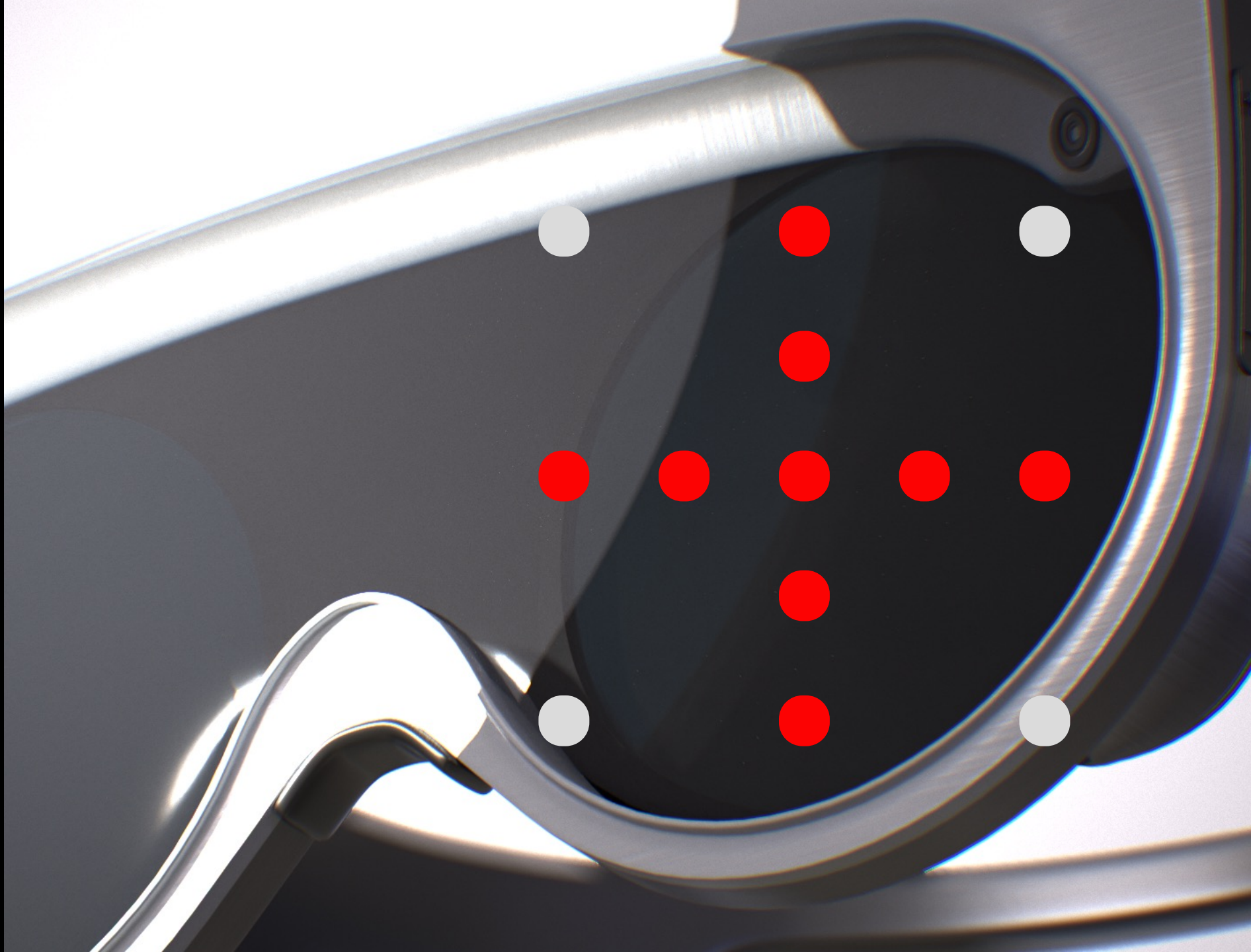




## NYU Langone Health

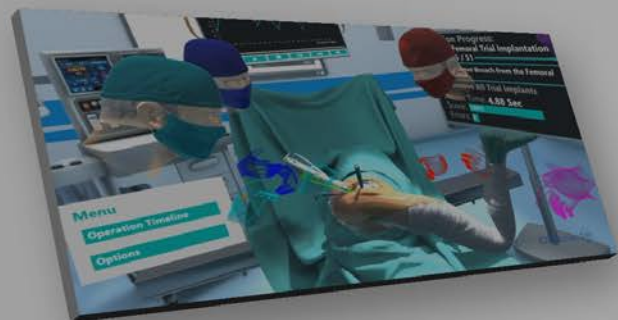
NYU Langone Health: One of the largest Healthcare systems in the Northeast

ACCELERATING THE WORLD'S  
TRANSITION TO MEDICAL XR TRAINING.





The Effectiveness of VR Surgical Training



NEW YORK UNIVERSITY

“Very nice experience and it will be very fruitful for young surgeons. It’s a great tool and helpful for the training!”

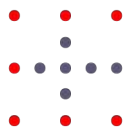
Lazaros A. Poultsides, MD, MSc, PhD,  
NYU Medical Associate



## THE CHALLENGE

Enhance surgical training for orthopaedic residency.

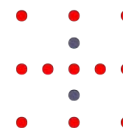
- Clinically validate **VR surgical training** for **psychomotor** skills.
- **Improve** PGY-1 orthopaedic resident **training** using **immersive VR**.
- Improve **surgical skills** and knowledge in **Total Hip Arthroplasty**.



## THE SOLUTION

Cutting-edge Total Hip Arthroplasty simulation with **MAGES SDK**.

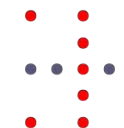
- **Innovative** Total Hip Arthroplasty VR Simulation with **MAGES SDK**.
- **Cutting-edge** collaborative training for **enhanced learning** experience.
- Real-time **analytics** and **error detection** for optimal **assessment**.



## THE INNOVATION

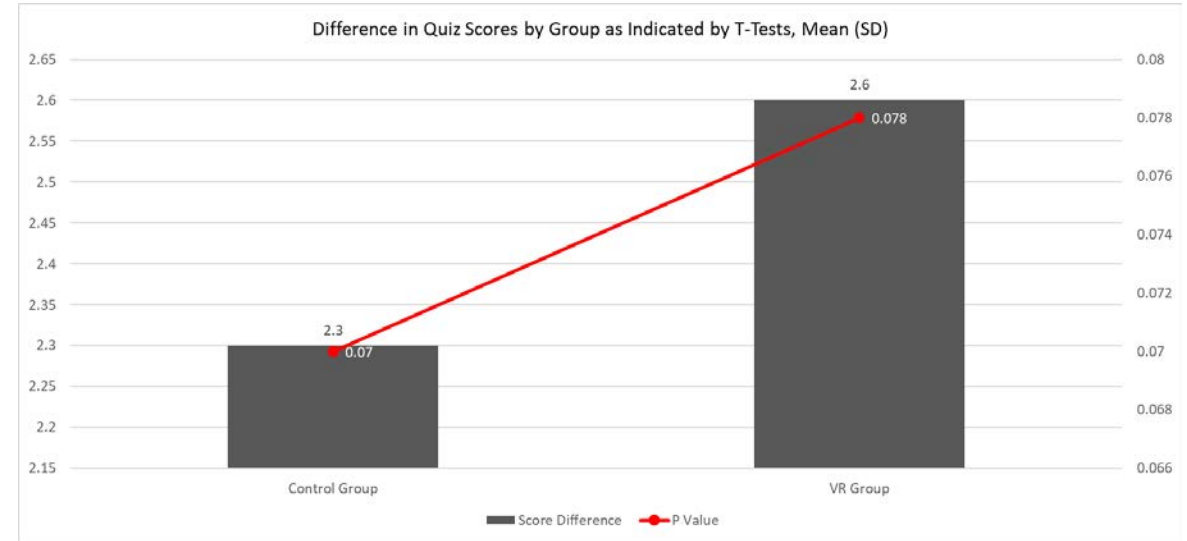
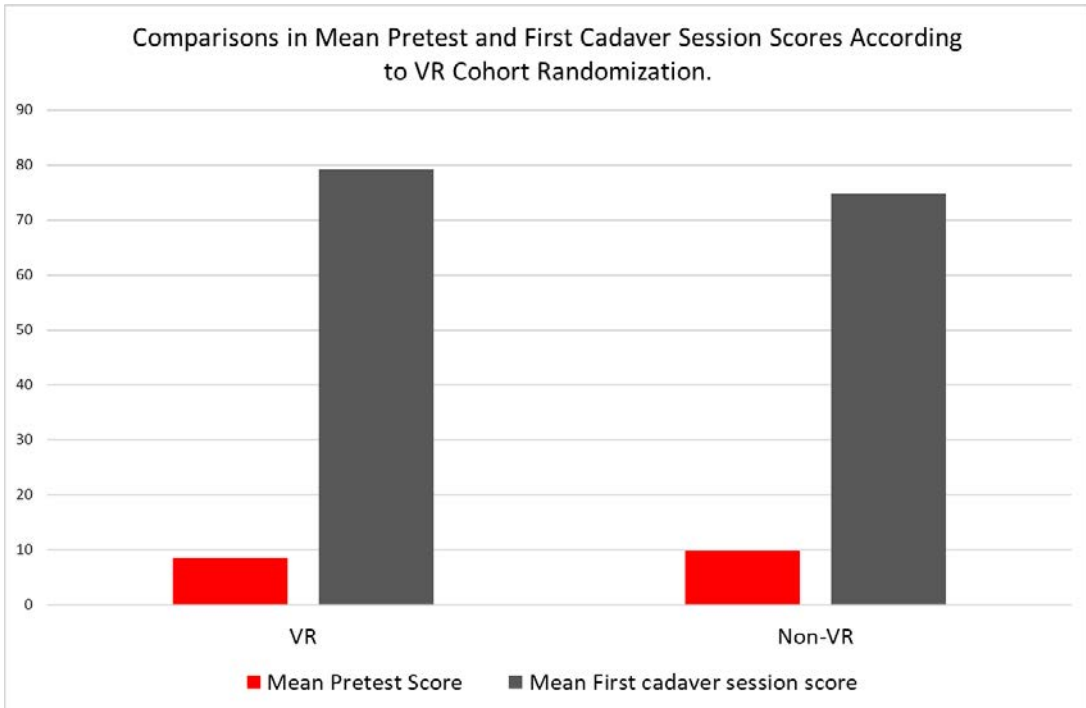
Revolutionary VR Clinical Trial: **8% Improvement in PGY-1 Surgical Skills**.

- Easily **modify** and **extend** simulations with the **MAGES SDK**.
- **8%** improvement in PGY-1 in **just 2 sessions** ([Journal of Arthroplasty](#)).
- NYU and ORamaVR receive prestigious [AAHKS Fare Grant Award](#).
- **First-ever collaborative VR surgical training**, connecting 4 reputable Medical schools.



**Impact of VR Training on Cadaver Session Scores: A Comparative Analysis**

The study found no baseline differences in knowledge or surgical skills between cohorts. However, **VR training significantly improved participants' performance during cadaver sessions by 18 points, leading to better skill development .**



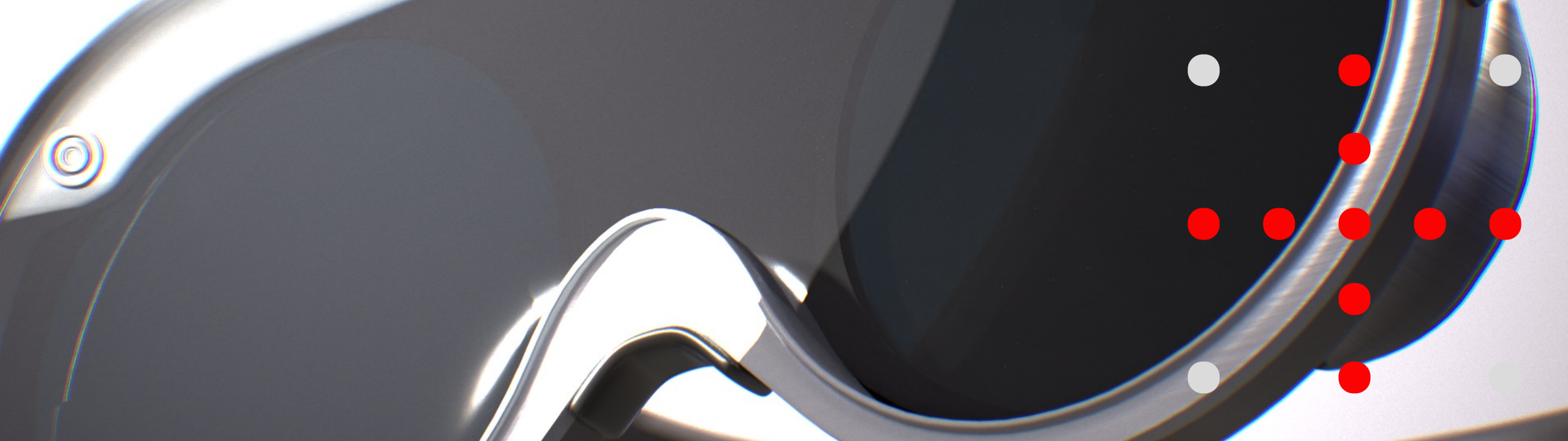
**Assessing the Effectiveness of VR Training on Quiz Scores: A Group Comparison**

VR training showed positive trend in written quiz performance, suggesting theoretical knowledge acquisition potential. **Further research with larger sample sizes may be needed to establish a significant correlation.**

## NYU Langone Health

NYU Langone Health: One of the largest Healthcare systems in the Northeast

	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><a href="#">MAGES APP</a></u> Free listing with shared revenue agreement	✗



ACCELERATING THE WORLD'S  
TRANSITION TO MEDICAL XR TRAINING.



[www.oramavr.com](http://www.oramavr.com)

info@oramavr.com



---

SWITZERLAND / HEADQUARTERS

ORamaVR SA  
Route de la Galaise 34  
c/o FONGIT  
CH-1228 Plan-les-Ouates  
Geneva, Switzerland

---

GREECE

ORamaVR SA  
Science and Technology  
Park of Crete  
100 N. Plastira str.  
GR 70013 Heraklion,  
Crete, Greece