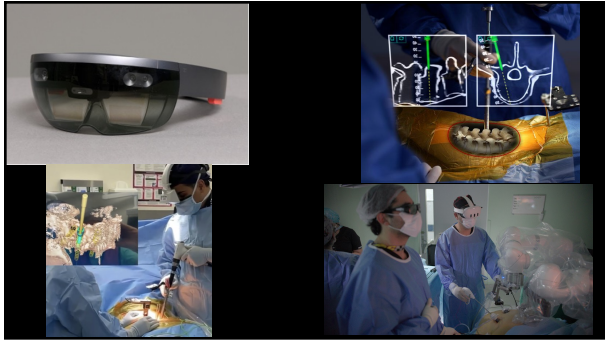


**Remote Endovascular Proctoring and Mentoring
Using an Augmented Reality Virtual Program:
How does it work and Preliminary Experience**

VEITH 2024
Cherrie Abraham MD
Professor of Surgery, Co-Director-Aortic Program
Vascular and Endovascular Surgery
Oregon Health and Sciences University, Portland, Oregon

NO DISCLOSURES



Augmented Reality

- Superimposes a computer-generated image over a real-world view

Augmented reality (AR) in remote proctoring refers to using AR technology to enhance the capabilities of a remote proctor, allowing them to virtually guide and provide real-time feedback to a test taker/trainee/colleague during an exam or procedure, even when located far away, by overlaying digital information onto the operator's live video feed, essentially creating a more interactive and precise remote monitoring experience.

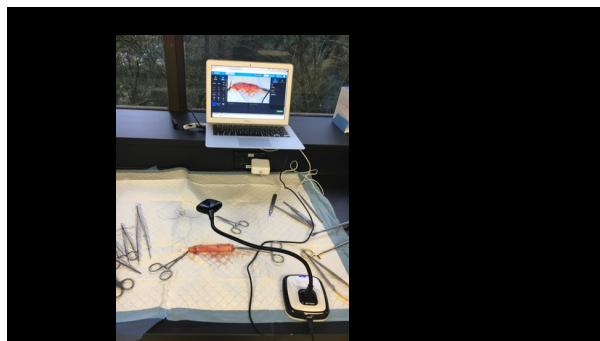
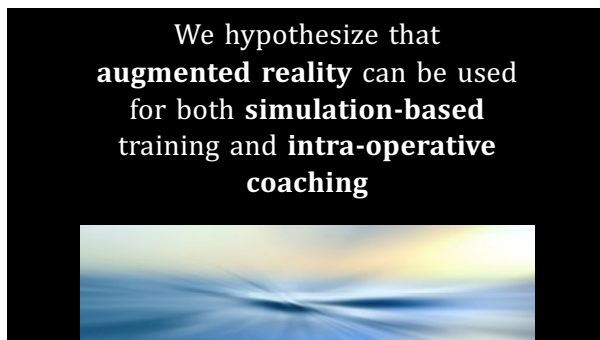
Proximie

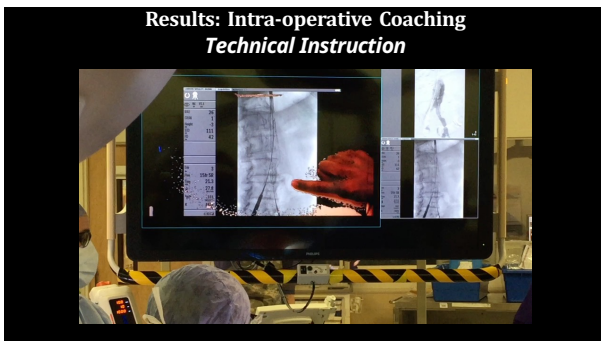
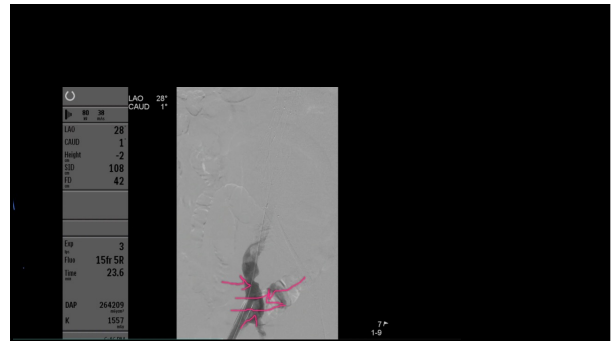
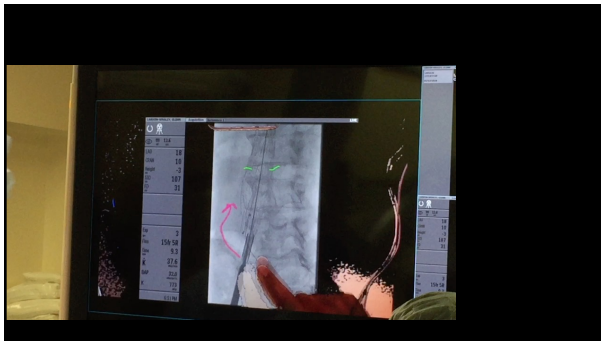
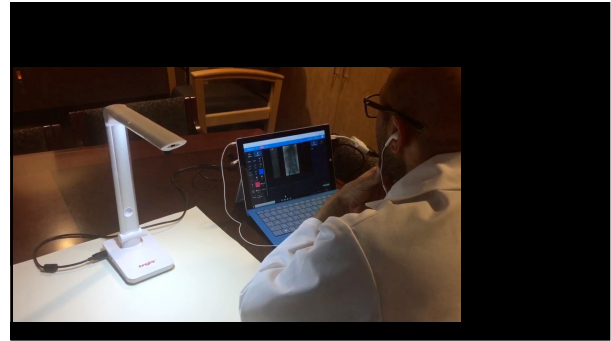
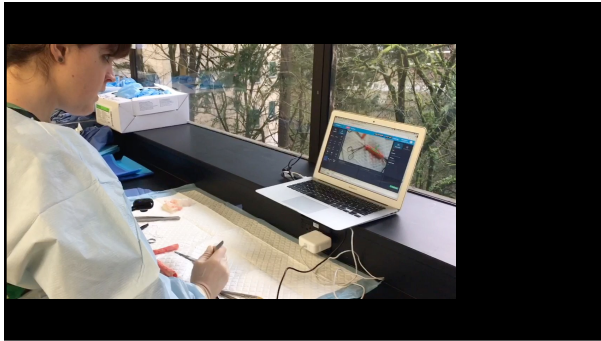
- Proximie is a technology platform that uses a combination of machine learning, artificial intelligence and augmented reality to allow clinicians to virtually 'scrub in' and collaborate with each other from anywhere in the world.

Augmented Reality Proctoring

Remote Surgeon International Surgeon

Plastic and Recon Surgery 146:622 2020; Using Virtual Augmented Reality to Remotely Proctor Overseas Surgical Outreach: Building Long-term International Capacity and Sustainability





Future Applications ?

- AR can be used to guide learners through technical challenges
- Specialist proctoring of endovascular treatment of complex aortic pathology
- Industry reps training
- Graduated autonomy for trainees, EPA ?
- Interviewing Faculty Candidates
- Continuing Medical Education/Recertification

Thank you VEITH 2024

- Jackie Simpson
- Frank Veith
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- Hilton
- Industry Sponsors