Remotely Supervised Simulated Ocular Surgery

Cybersight Webinar - 17th December 2021

John Ferris
Financial disclosures

- I have designed and funded the development of the Simulated Ocular Surgery and Simulation Gallery websites.

- Model eyes, heads and Zeiss microscopes sold on the websites feature in this presentation.
Covid positives

- Explosion of educational webinars
- Zoom / MST remote local training
- Virtual consultations
- Remotely supervised surgical training
Severn Regional teaching becomes WSPOS global event watched by 4.5k
Why should we be interested in remote surgical training?

- Convenience for trainee and trainer
- Time efficient
- Greener - lower carbon footprint
- Can access expertise from all over the world
- Economies of scale with hybrid courses
Remote Eyesi Training
CREATE DIGITAL SURGICAL “CLASSROOMS”
DIGITAL DRY-LABS + ZEISS STEMI MICROSCOPES
RCOPHTH SURGICAL SKILLS  FACULTY
The Simulated Ocular Surgery Trials:
OLIMPICS Trial
GLASS Trial

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Remote Stemi microscope setup
Remotely supervised corneal suturing practice
Virtual capsulorhexis teaching with the "Cataract Coach"!
Hybrid skills courses

CATARACT
COMPLICATIONS COURSE
WITH VIRTUAL PARTICIPATION
How could remote surgical supervision evolve?

• Hybrid courses with satellite sites in multiple locations

• Remote supervision of live surgery with i-pod auditory feeds from a consultant?

• Mentoring schemes for trainees in countries with limited training
Strabismus surgery home Dry-Lab
WSPOS Virtual Strabismus Surgery Simulation
WSPOS virtual strabismus courses
Simulated Ocular Surgery
Simulation surgery videos and tutorials for training ophthalmic surgeons
gallery.simulatedocularsurgery...
Followed by kierendarcy, kitaroeye and 2 others
“ Democratising surgical training”
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