



**Perlmutter  
Cancer Center**

An NCI-designated  
Comprehensive Cancer Center



# In-person vs. remote training

## How are our training methods evolving post-pandemic?

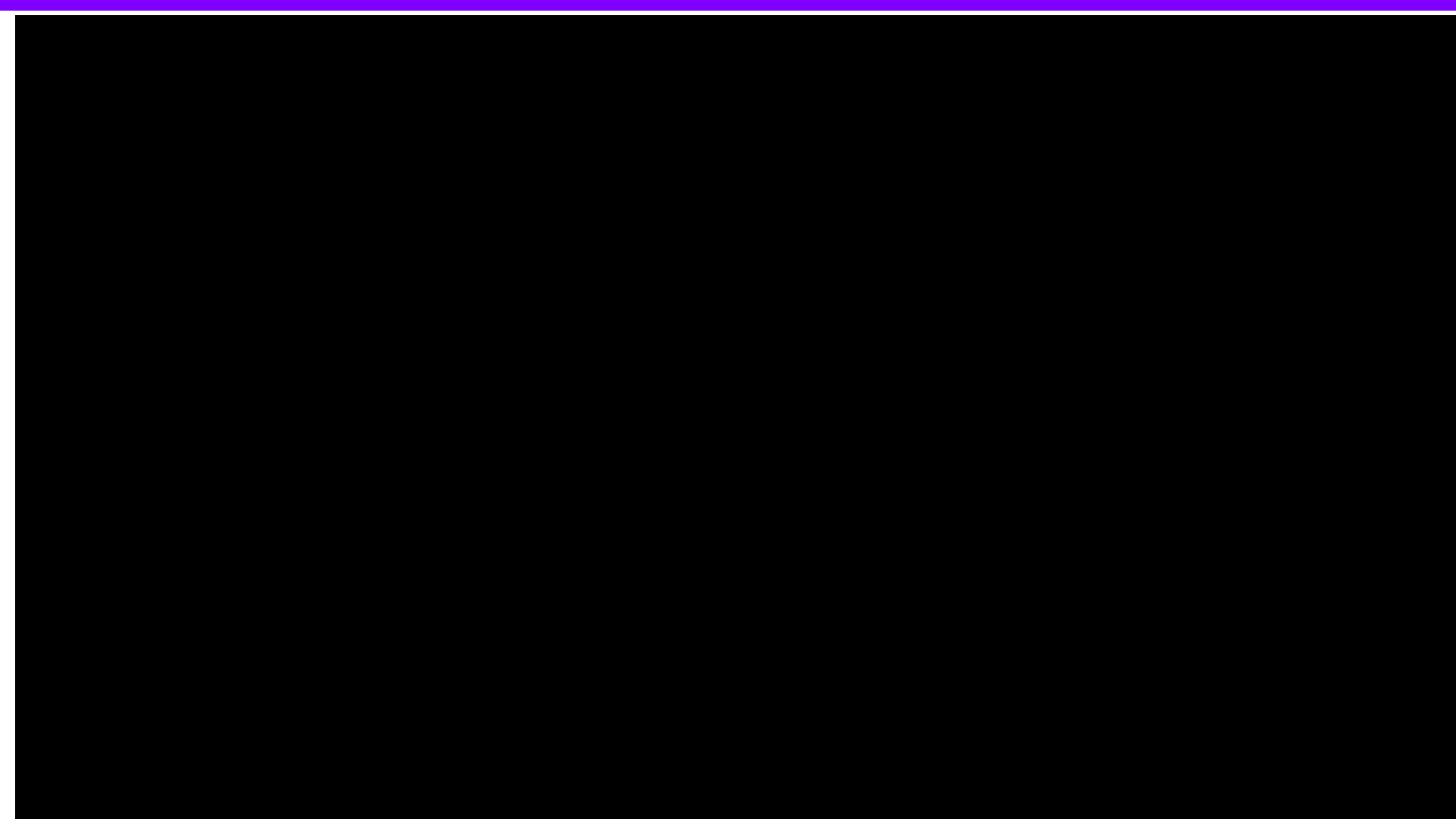
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# Disclosures

None



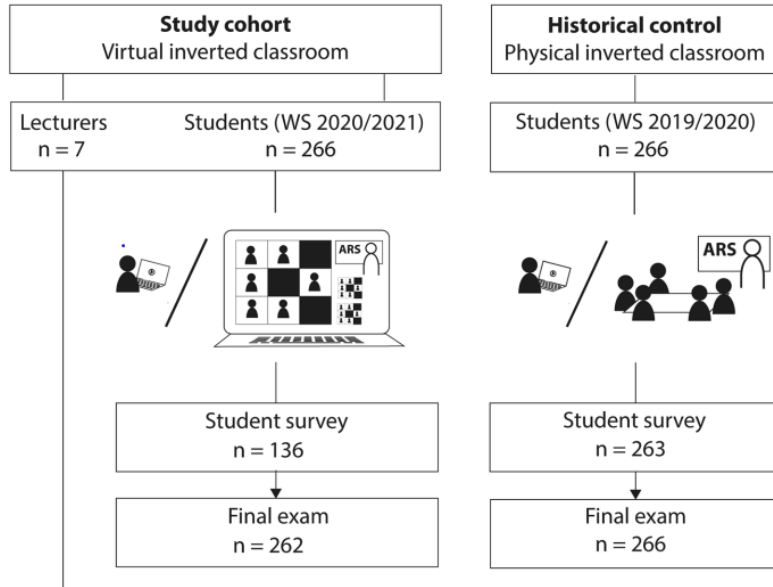
# Virtual vs. In person: one size fits all?

- Most residents prefer virtual didactic lectures
- Most faculty prefer in-person didactic lectures
- Both residents and faculty prefer in person case readouts at the PACS station
- Preferences for society meetings?
  - Most prefer 50% virtual and 50% in person

Daniels et al. Survey from 180 US radiology resident programs (unpublished)  
Kim J. NYU Radiology Residency Survey. Aug 2023 (unpublished)

# Virtual Learning: is it effective?

- Tricky question: subjective increase in confidence and knowledge
- Lack benchmark, focus on result after intervention



- Student general impression lower for virtual than in person
- Exam grades were better in virtual cohort compared to in person cohort

# Virtual vs. In person: are we oversimplifying?

- Focus on quality of the education: high quality virtual better than horrible in person and viceversa
- Most proven educational methods can be applied both virtually and in person
  - Audience participation/polling systems
  - Heutagogical didactic approaches (inverted classroom)

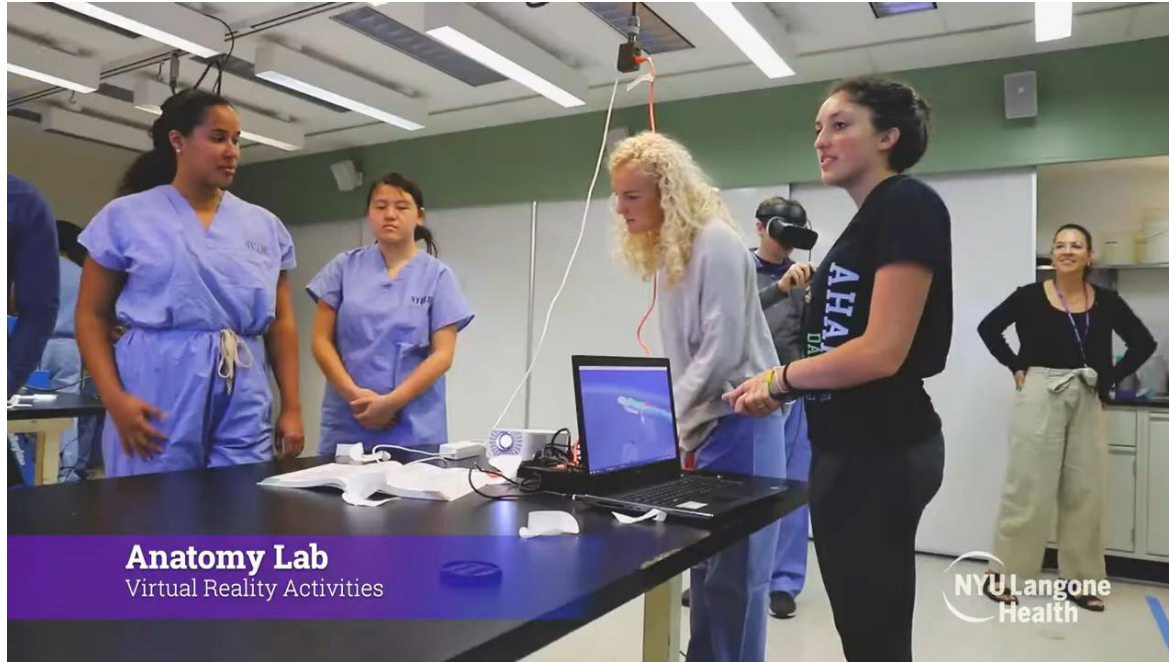
# Virtual vs. In person: a global perspective

➤ [Ethiop J Health Sci. 2023 Mar;33\(2\):363-372. doi: 10.4314/ejhs.v33i2.22.](#)

## Introduction of "Teach and Work from Home" in Radiology during the COVID-19 Pandemic and Its Current Status: Implementation Research Done at Tikur Anbessa Specialized Hospital

Despite the practice of online radiology services and teaching were practiced in most developed institutions, introducing the model to our institution for the first time **was not an easy task.** The access from the institution was possible for all residents and staffs. As it was seen in most online teaching activities introduced during COVID-19 pandemic ([14](#), [15](#)), lack of home Internet access for faculty members and residents, poor internet access and repeated interruption of the service as well as lack of adequate online teaching experience were some of the challenges faced during the

# Virtual vs. Virtual: not all the same



NYU Institute for Innovations in Medical Education



# Take home

- Virtual or in-person: why not both?



# Take home

- Virtual or in-person: why not both?
- Make the most of the benefits of each
  - Virtual: convenience, access, savings, sharing
  - In person: camaraderie, networking, trust building
- Emphasize high quality education
  - Engagement: participation, polls
  - Employ proven learning techniques



**Thank you for listening!**

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