

# Getting Better (Faster): Thoughts About the (Near) Future of Medical Education

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Ruben R. Puentedura, Ph.D.

ROUTE SEE (ALPHA)

WORK

1

DRUGS

ENDES

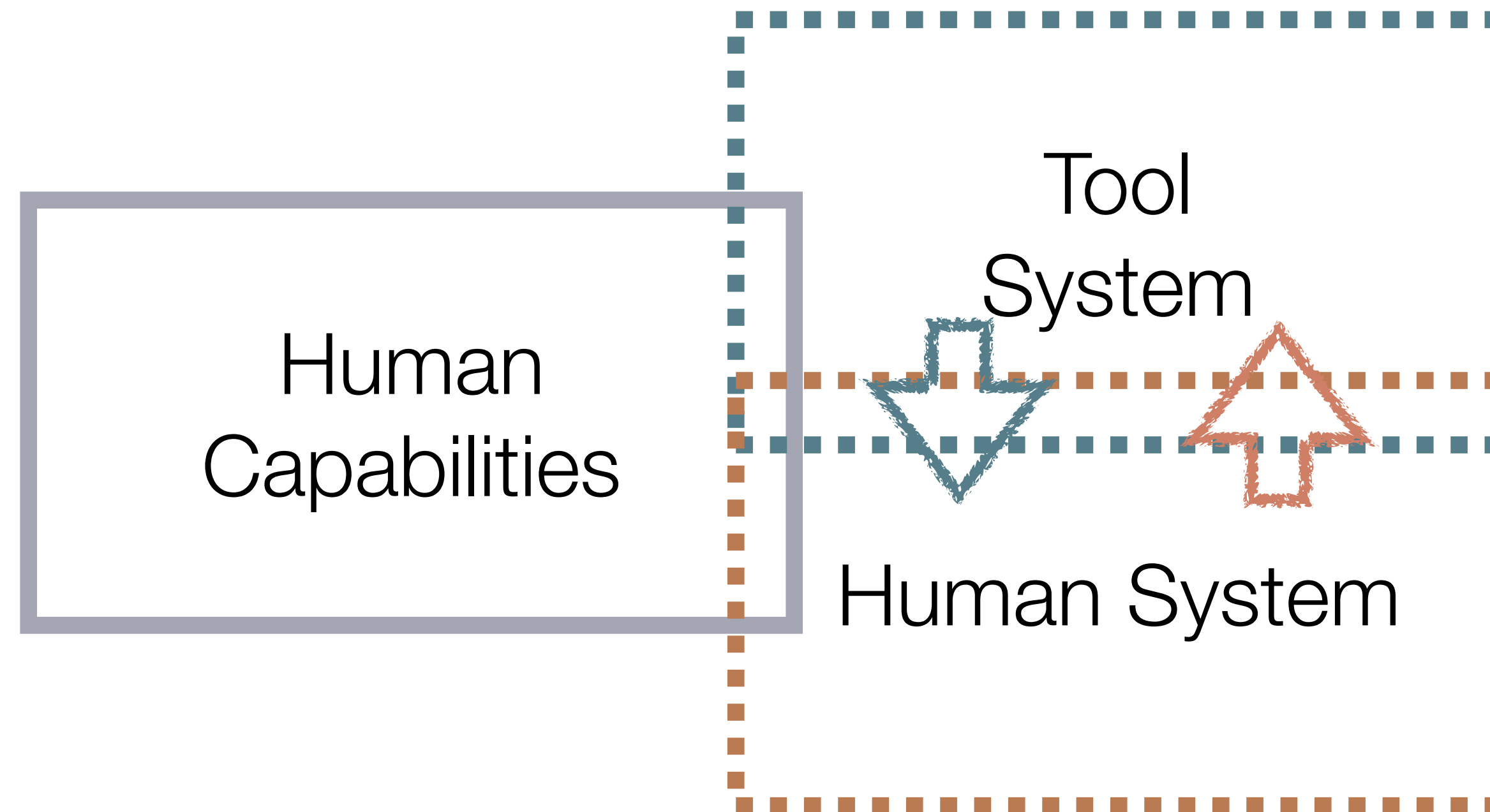
LIBRARY

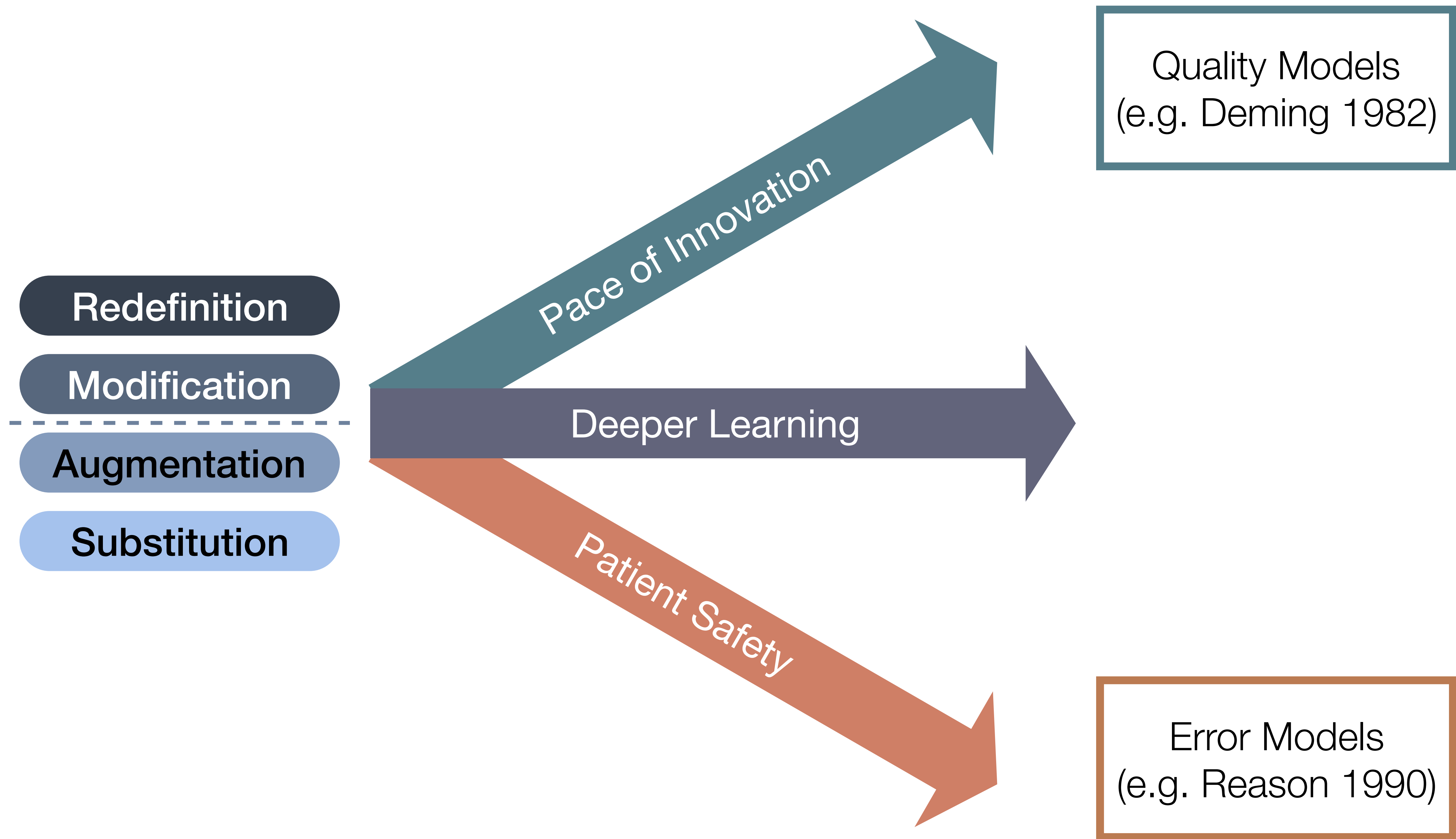
HOW



# Bootstrapping the Augmentation System (Engelbart, 1968)

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## Transformation

### **Redefinition**

*Tech allows for the creation of new tasks,  
previously inconceivable*

### **Modification**

*Tech allows for significant task redesign*

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### **Augmentation**

*Tech acts as a direct tool substitute,  
with functional improvement*

### **Substitution**

*Tech acts as a direct tool substitute,  
with no functional change*

## Enhancement



## Redefinition

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## Modification

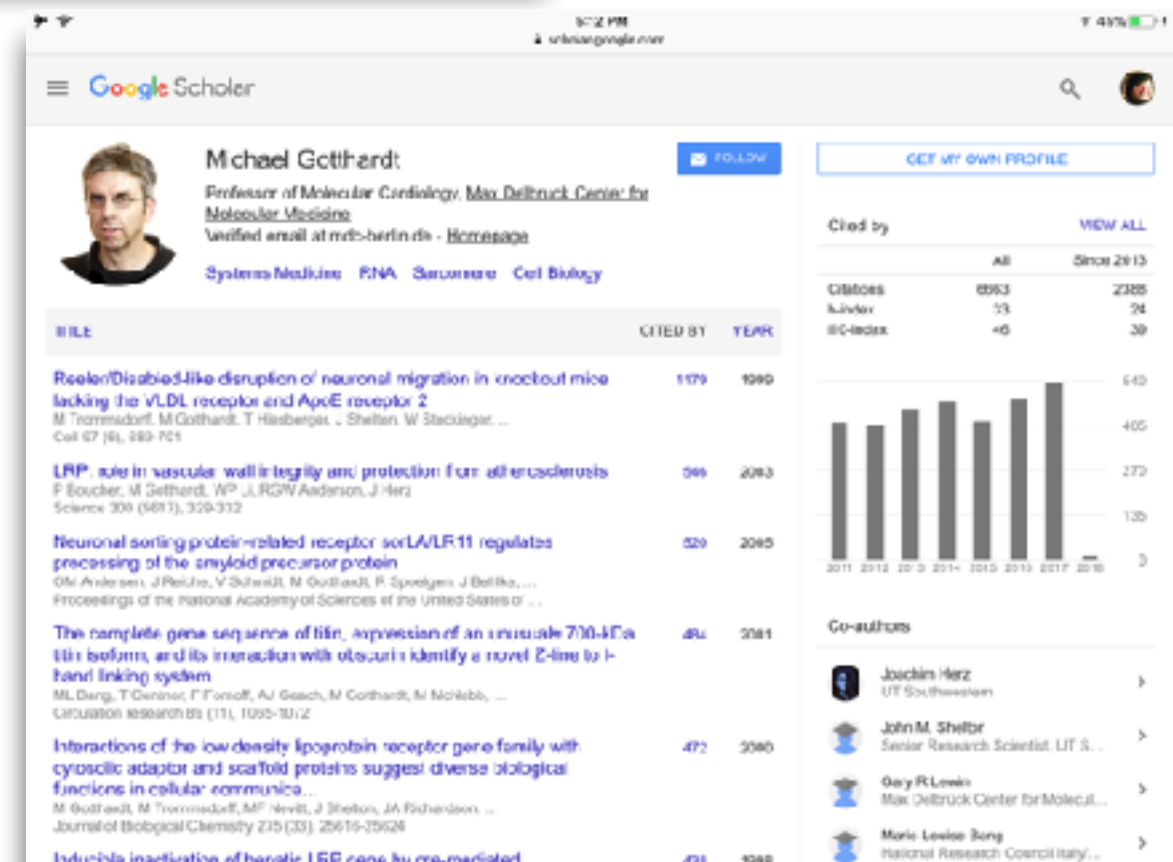
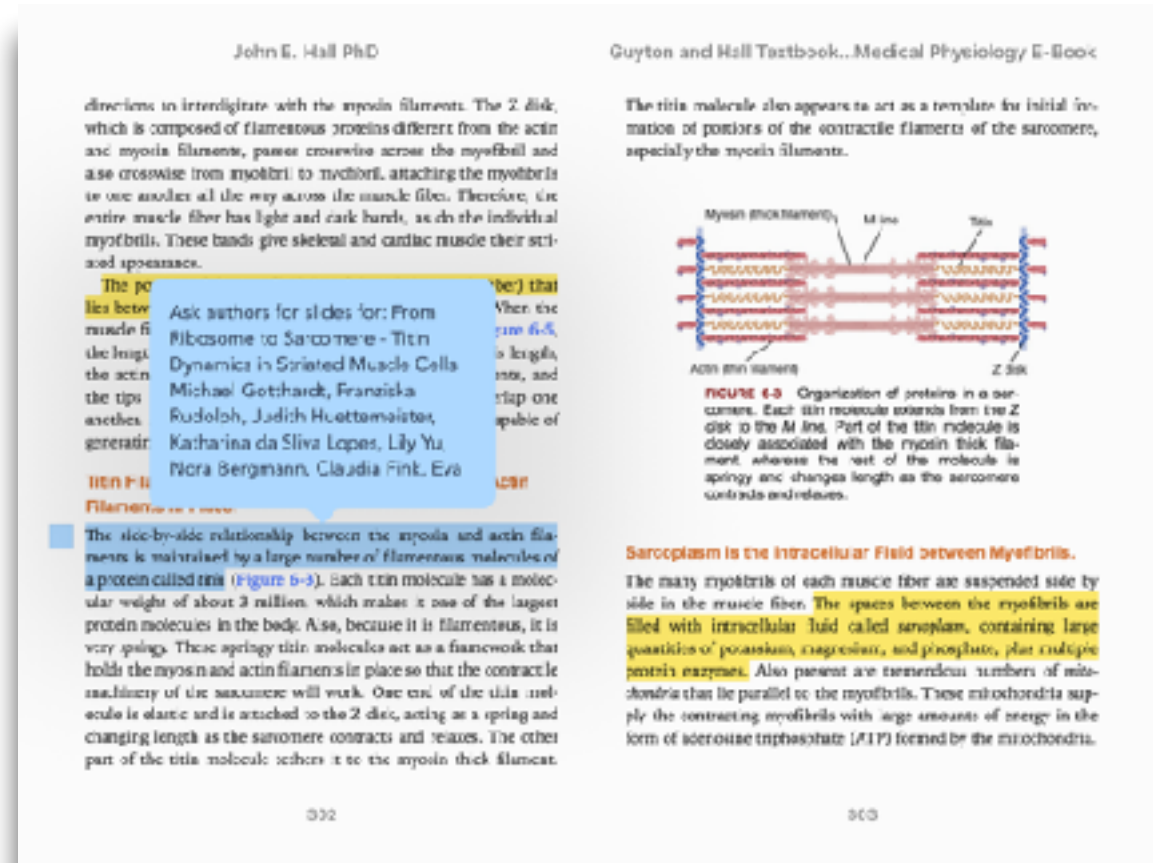
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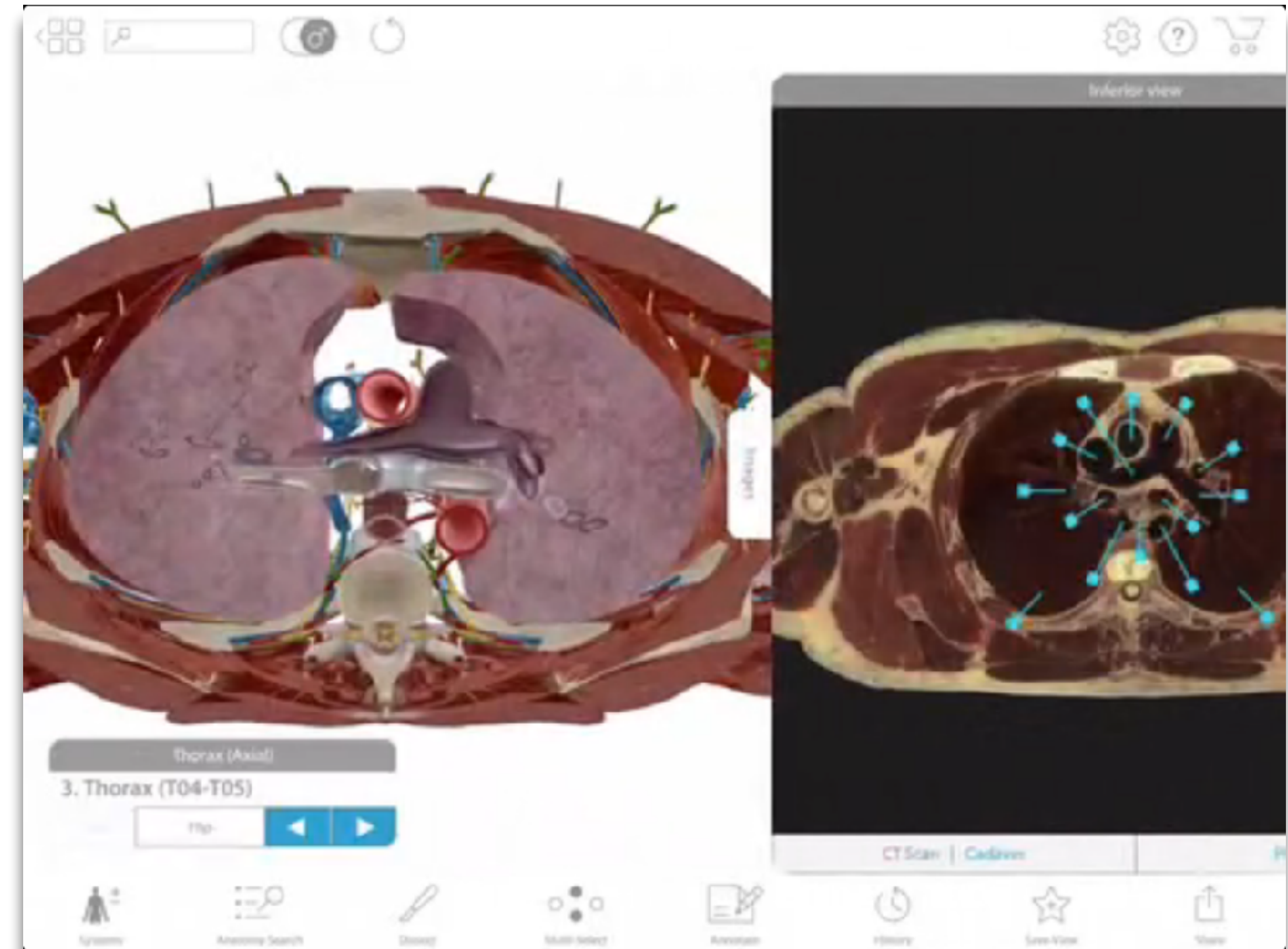
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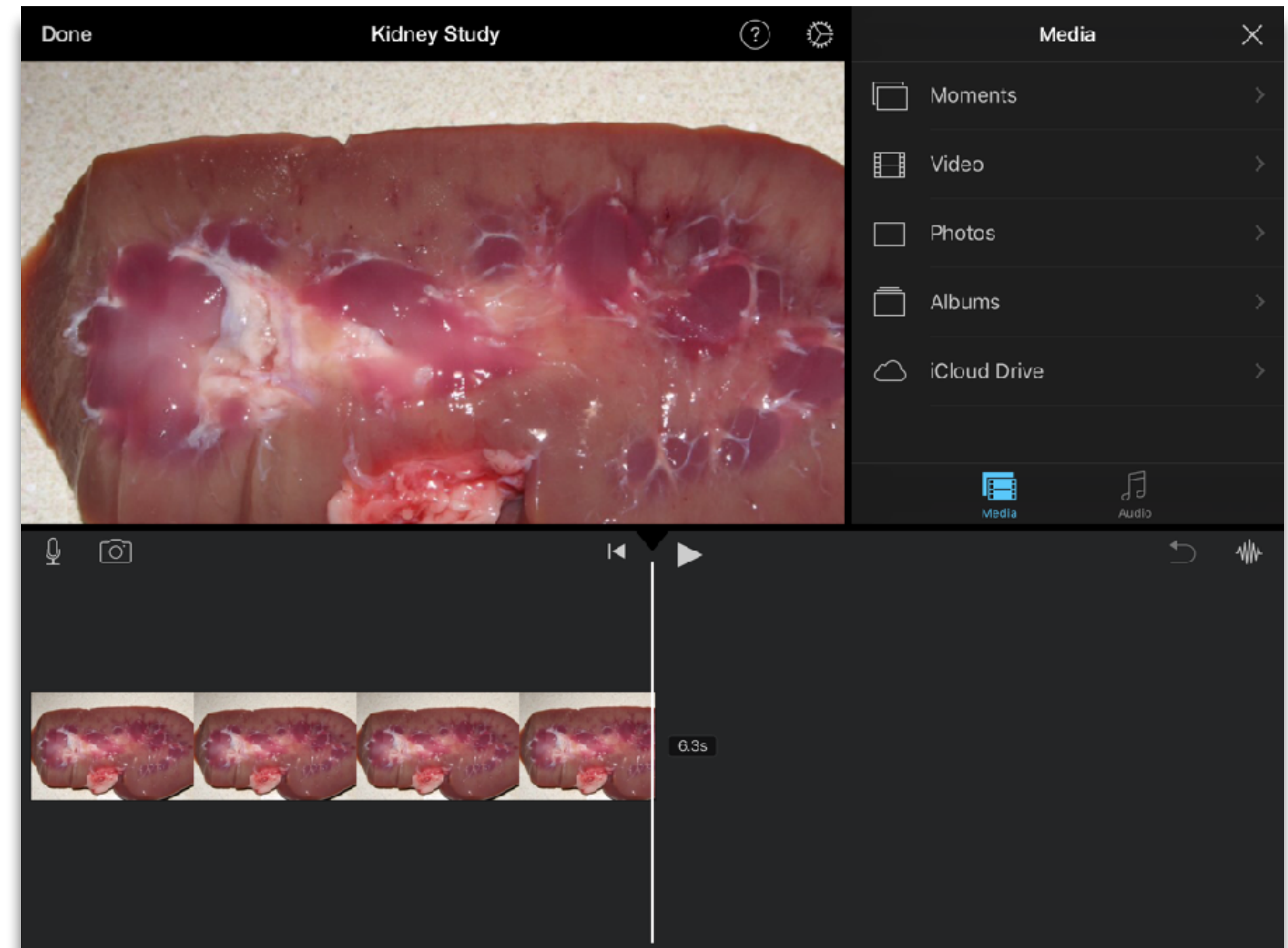
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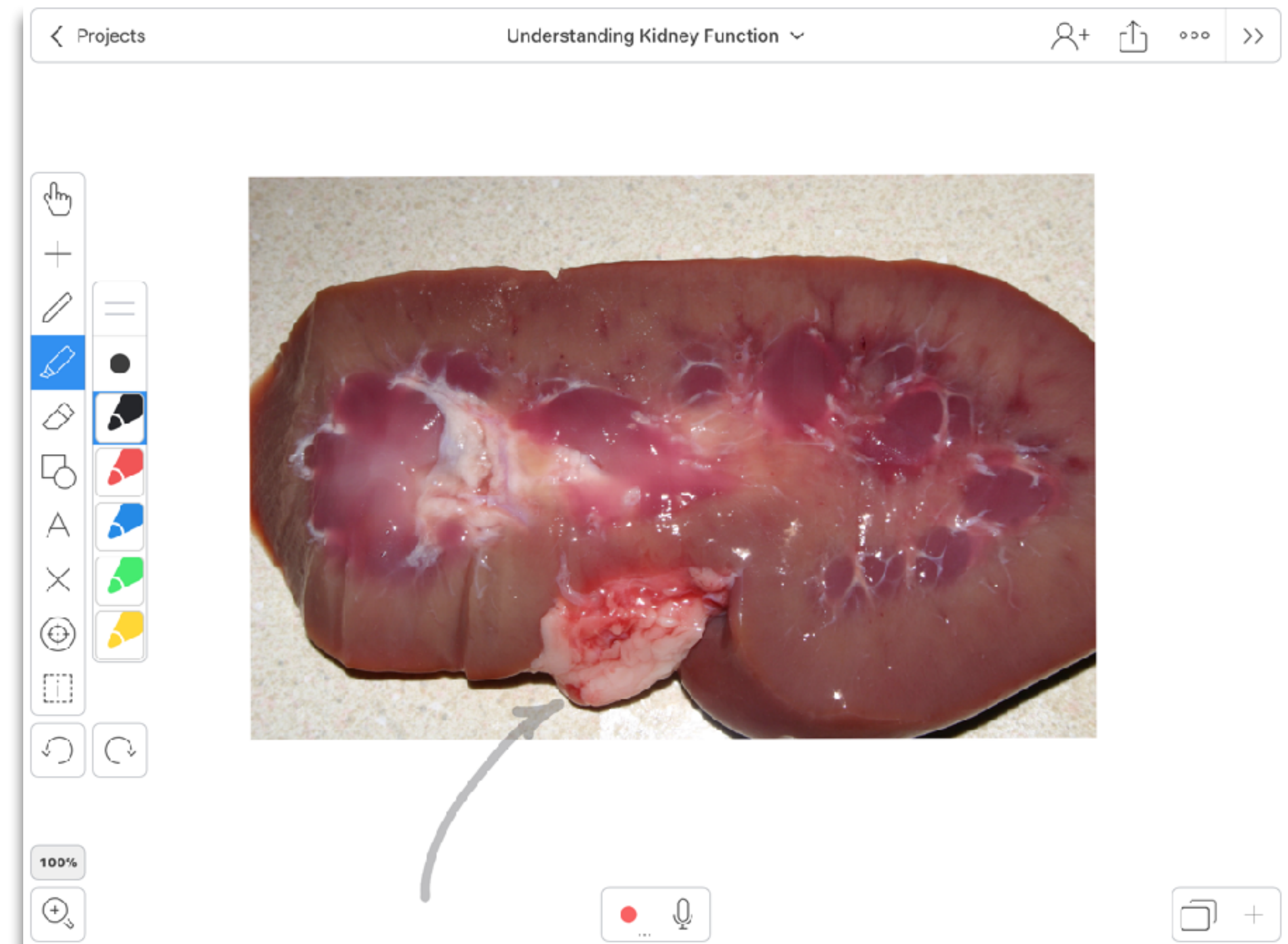
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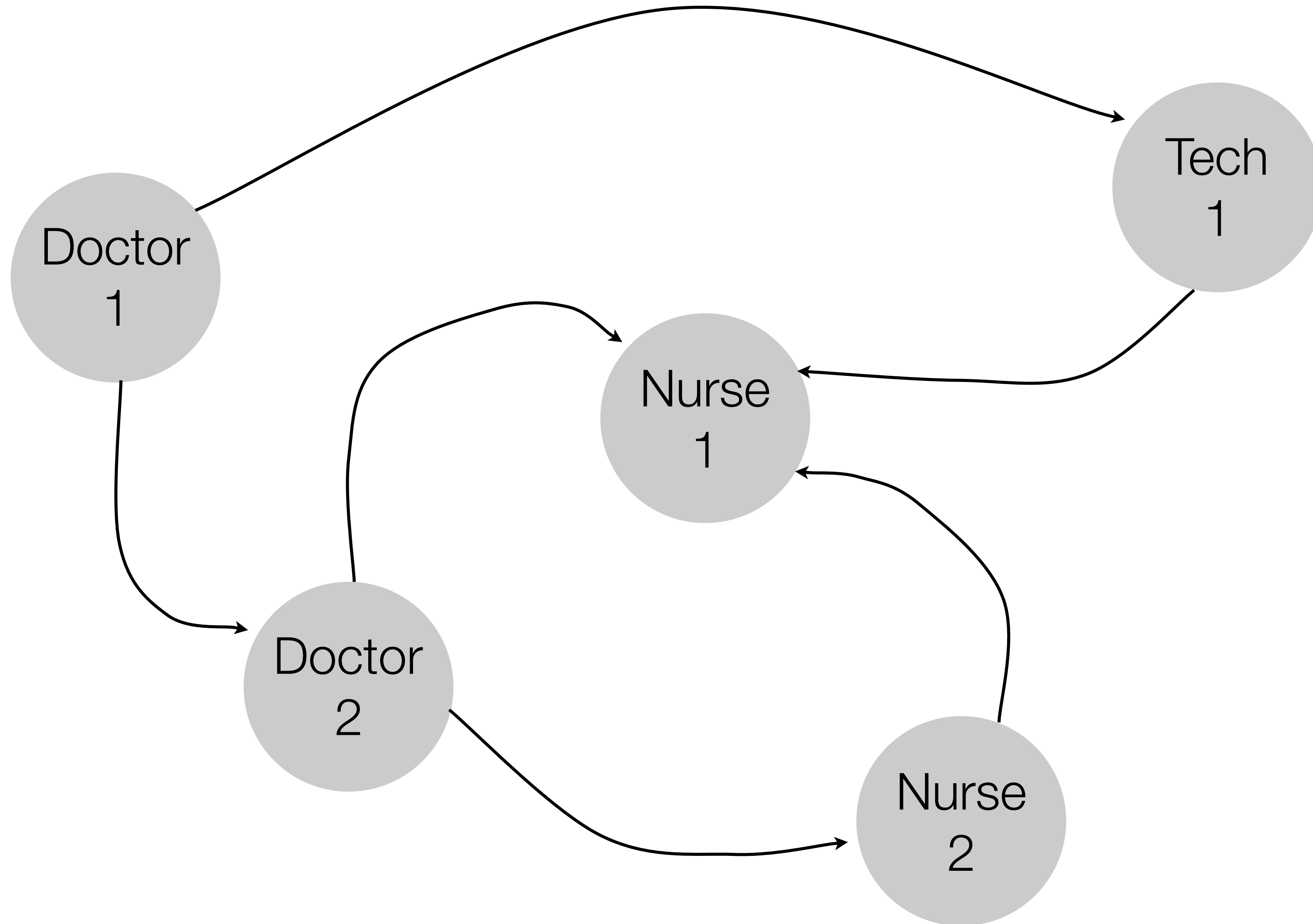
Social	Mobility	Visualization	Storytelling	Gaming
200,000 years	70,000 years	40,000 years	17,000 years	8,000 years
				

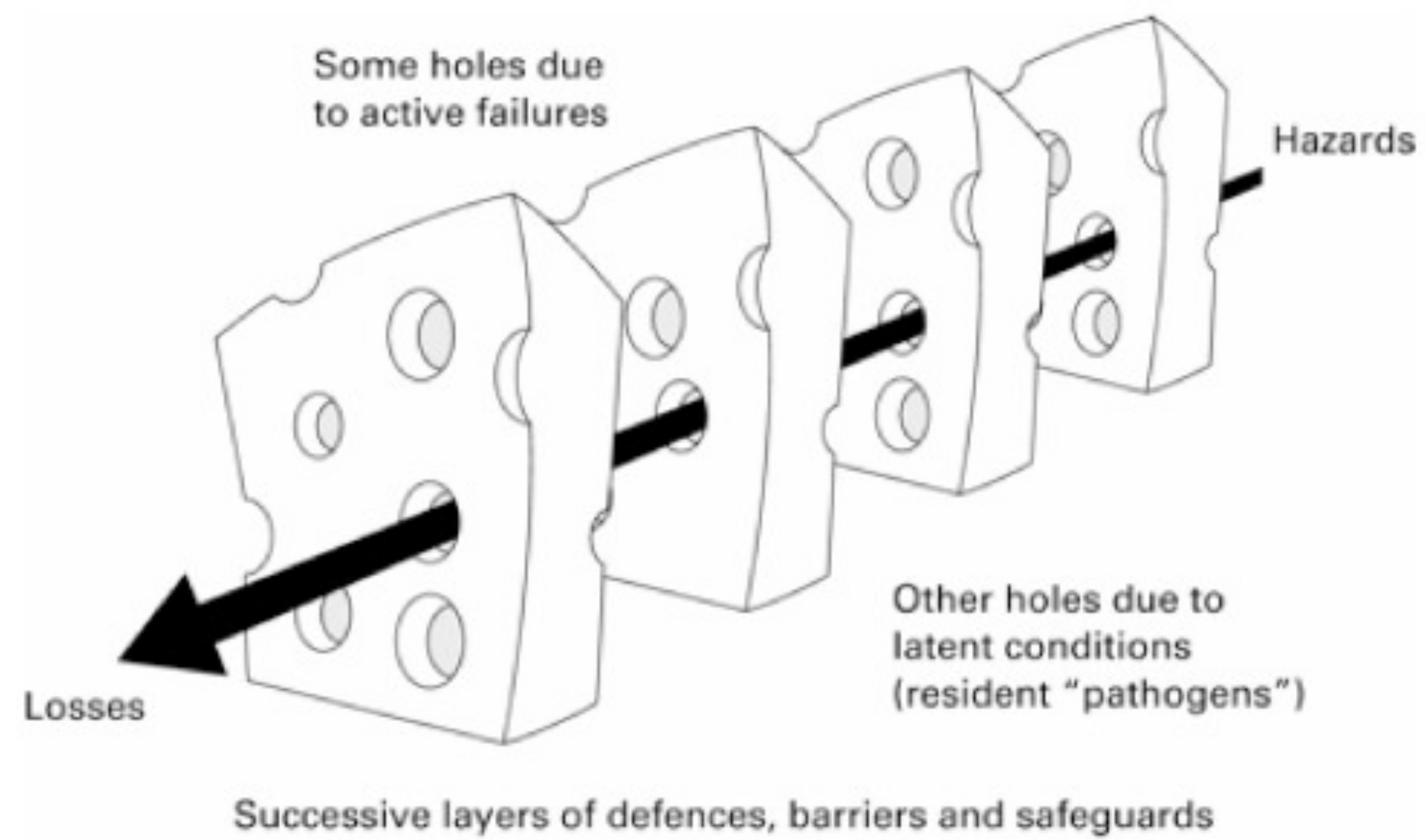


## The EdTech Quintet – Associated Practices

Social	Communication, Collaboration, Sharing
Mobility	Anytime, Anyplace Learning and Creation
Visualization	Making Abstract Concepts Tangible
Storytelling	Knowledge Integration and Transmission
Gaming	Feedback Loops and Formative Assessment







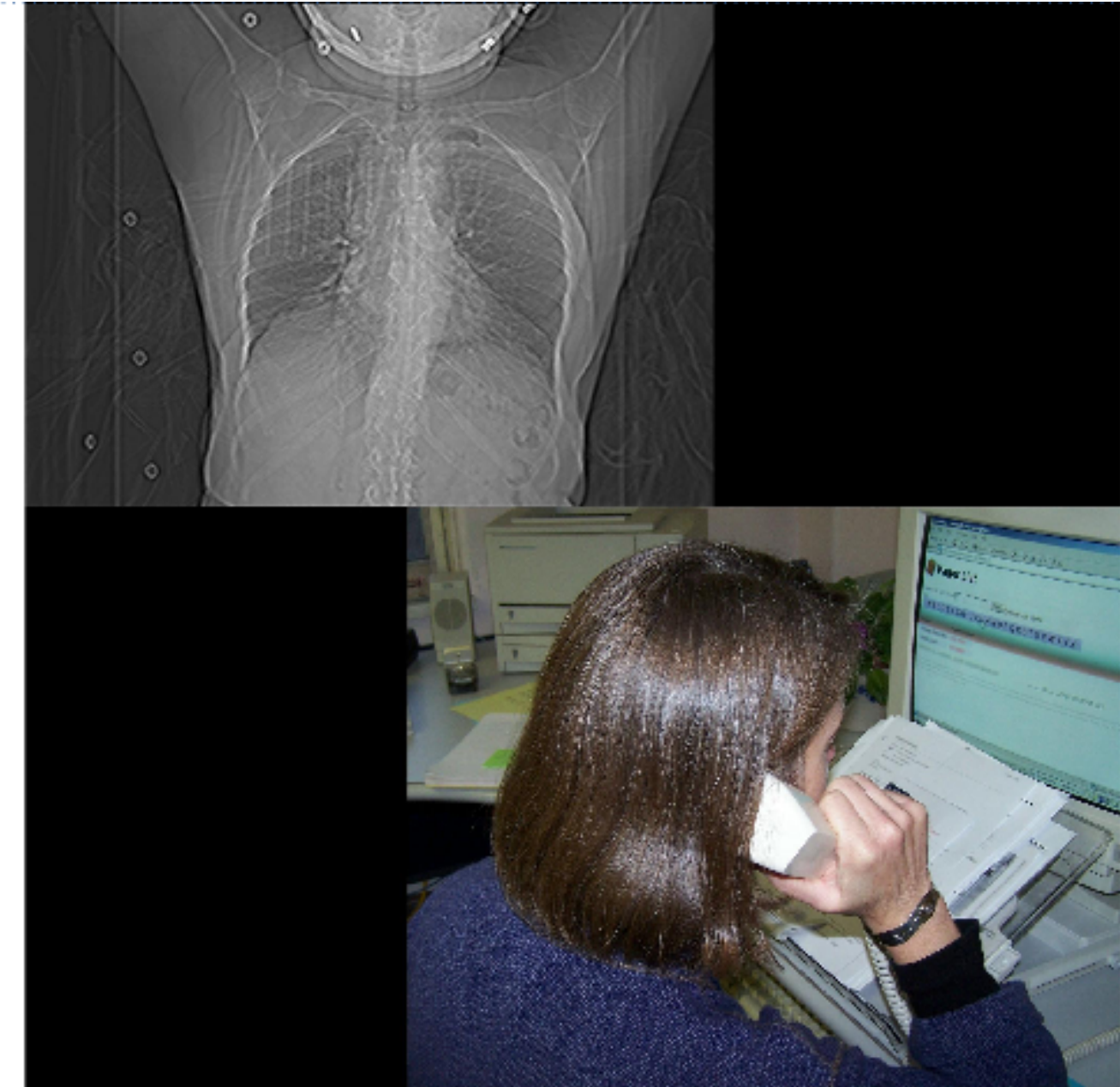
## Anticoagulants and Communication





Why is this so complicated? I just want a piece of tissue!  
I forget how many people "touch " the patient... to get this stuff done.

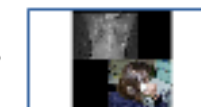
Frank Monroe, M.D.

Expectation   Disappointment   Understanding   Communication   Appreciation



  -reset- 1 Mrs. Barlow

  -reset- 2 Janet Reed, R.N.



Drag zoom slider to enlarge image





# Hippasus

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