Enhancing Your Presentations: Using Software and Cloud Technologies

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I have no financial disclosures

drpillowtalks.blogspot.com

Objectives

- Discuss the need for interactivity in presentations
- Demonstrate several ways to use new technologies to increase interactivity including:

Prezi
Smart phone based presenters
iPad based presenters
Audience response systems
Cloud technologies
Tablets
Screen capture software

THE EVOLUTION OF MAN

BECOMING A PHYSICIAN

Lecture Halls without Lectures — A Proposal for Medical Education

Charles G. Prober, M.D., and Chip Heath, Ph.D.

BECOMING A PHYSICIAN

Lecture Halls without Lectures — A Proposal for Medical Education

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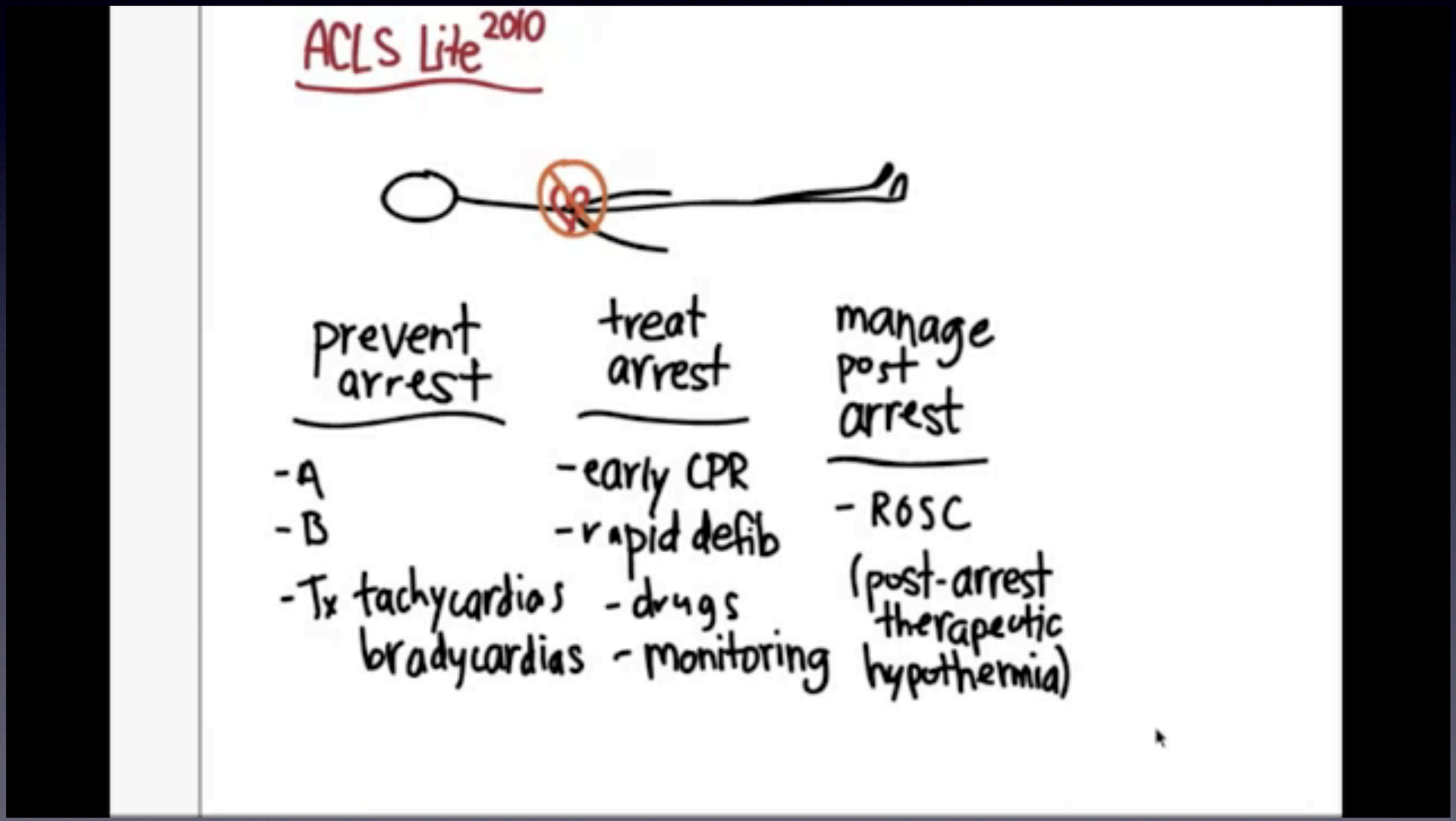
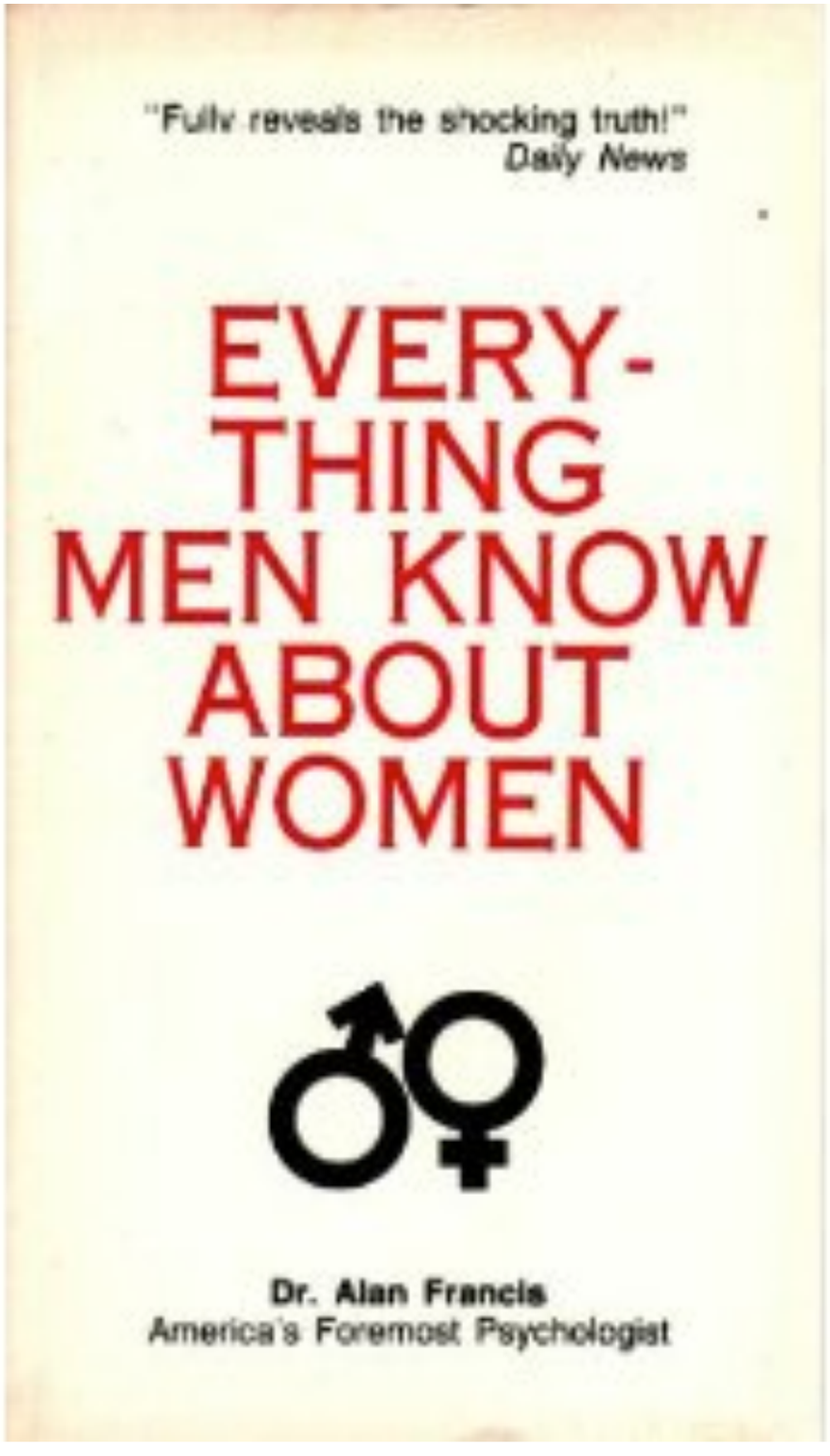
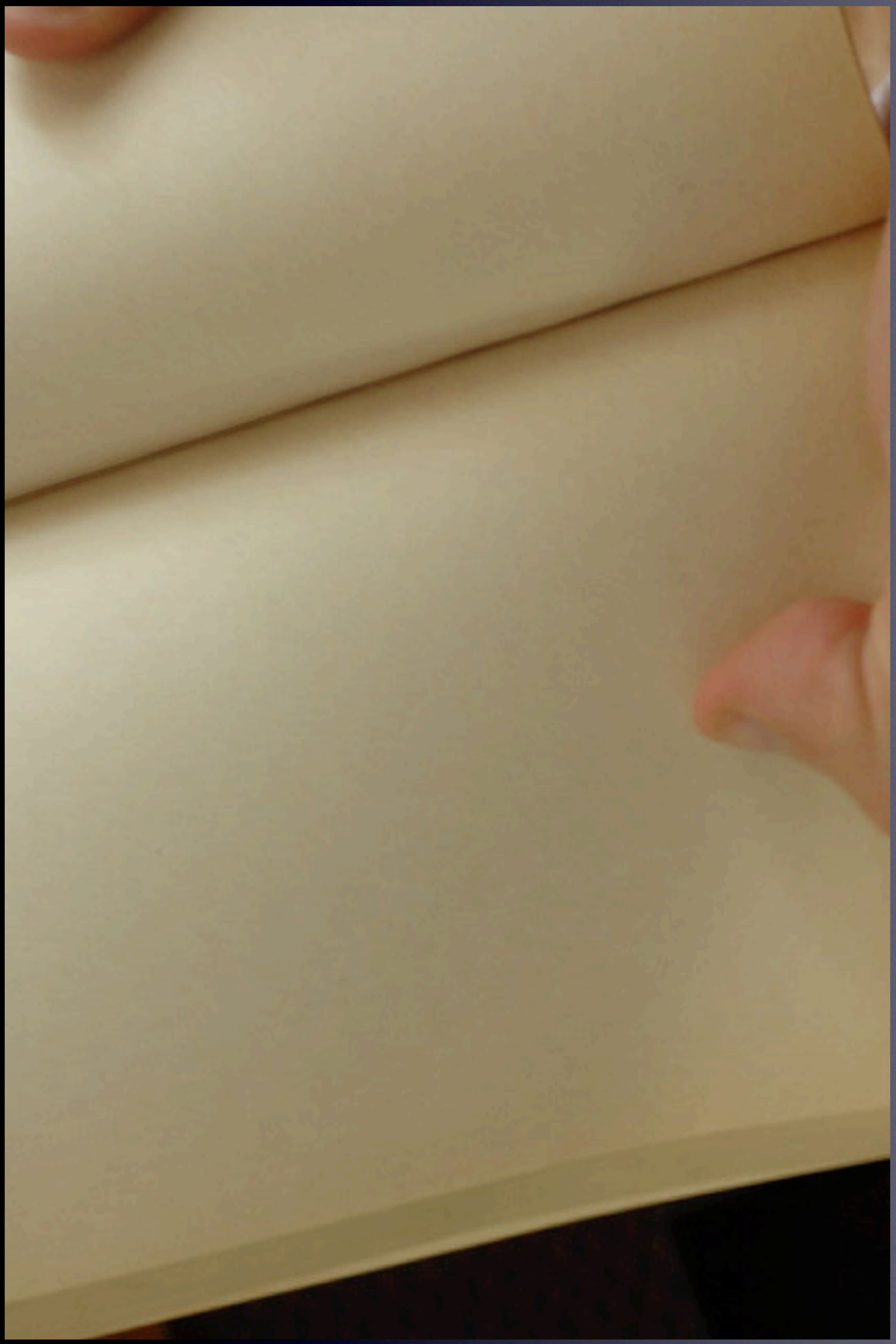


Multitasking.....

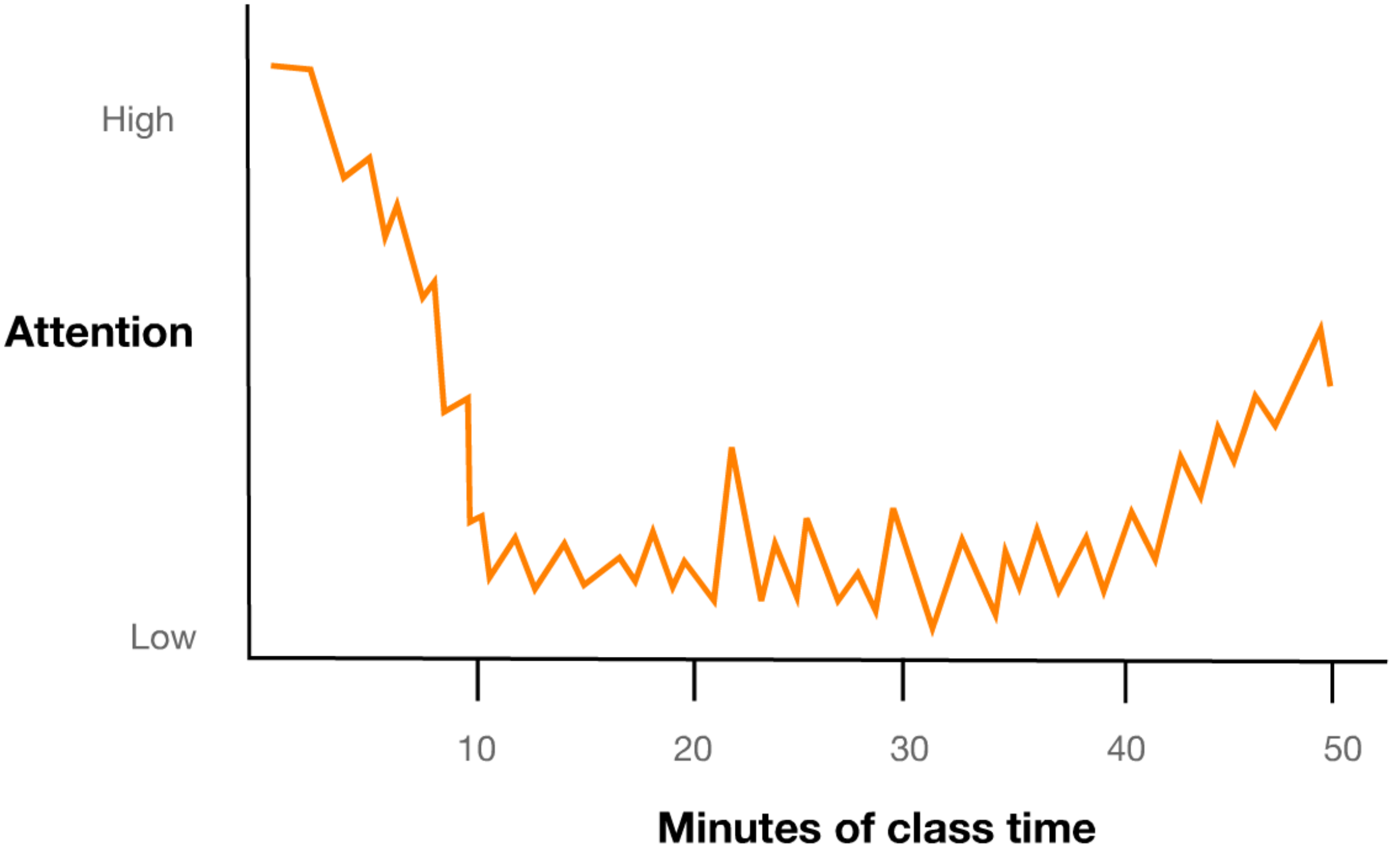

"Fully reveals the shocking truth!"
Daily News
EVERY-
THING
MEN KNOW
ABOUT
WOMEN
Dr. Alan Francis
America's Foremost Psychologist

... is a myth.



Reality

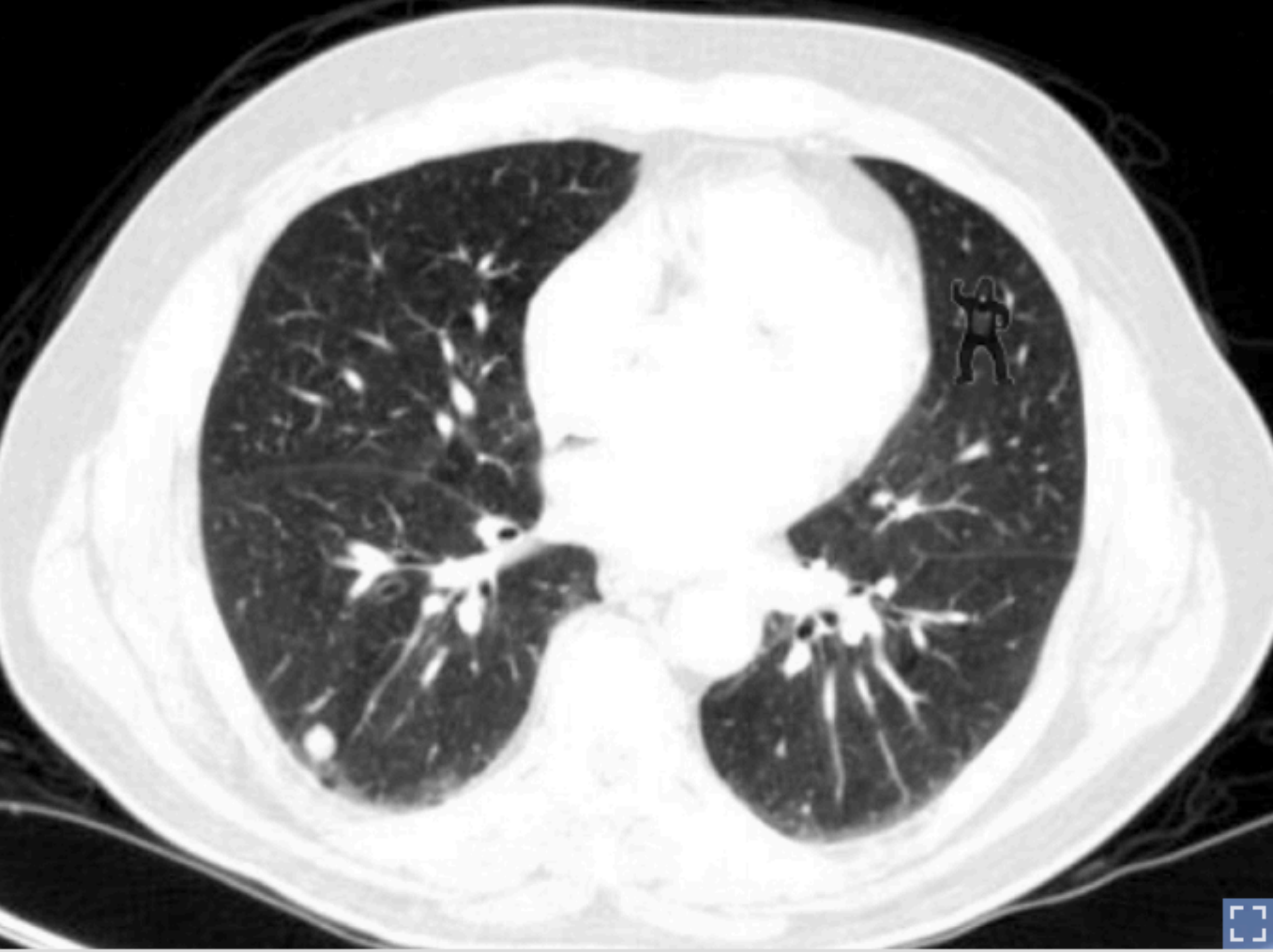
The 10-minute rule



Source: www.brainrules.net/attention

Selective Attention Test

from Simons & Chabris (1999)



Why Even Radiologists Can Miss A Gorilla Hiding In Plain Sight

by **ALIX SPIEGEL**

February 11, 2013 3:33 AM

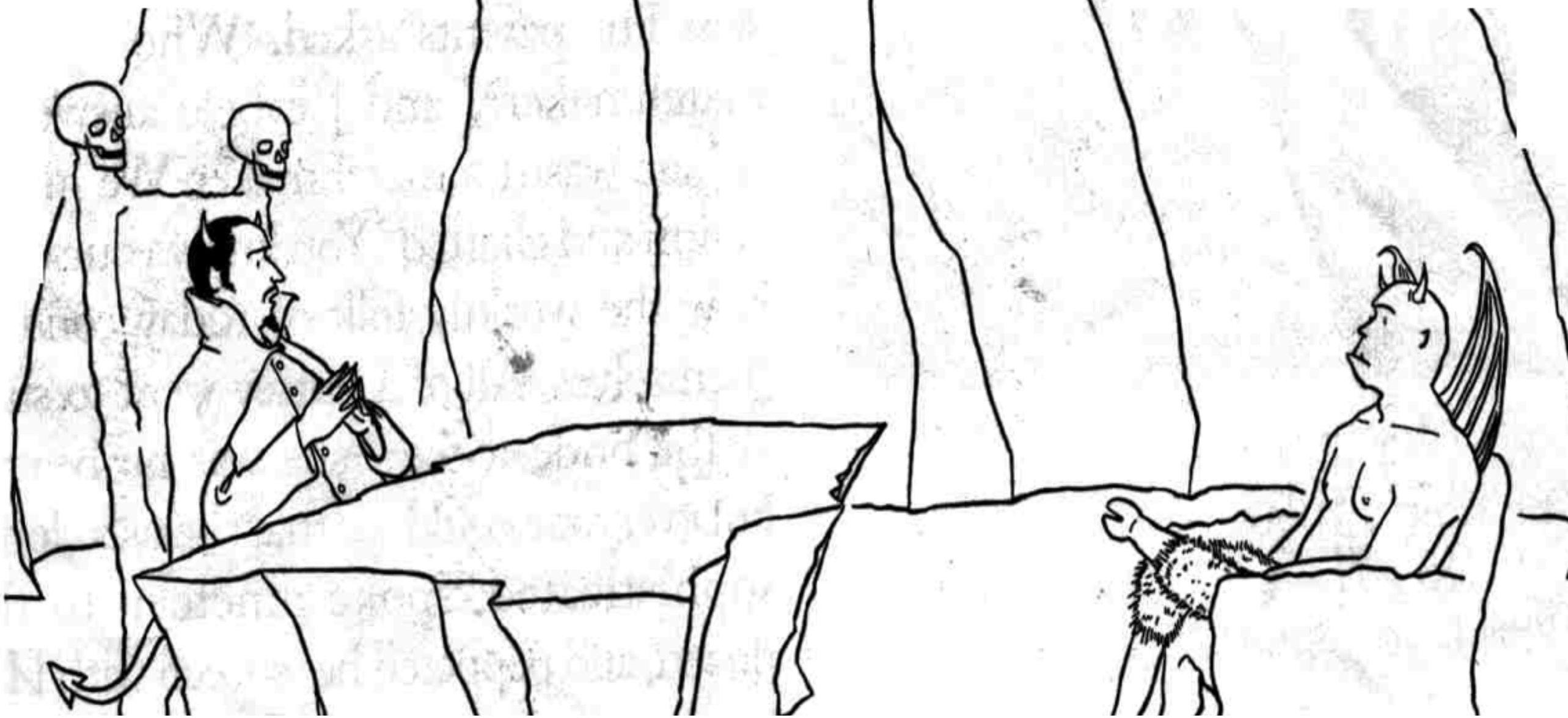
83% of radiologists missed the gorilla!

Presentation Tools

Cloud Technologies

Accessories

Presentation Tools



"I need someone well versed in the art of torture. Are you familiar with Powerpoint?"

"My presentation lacks power and has no point. I assumed the software would take care of that!"

Presentation Design...

...is a Science

Instructional Design

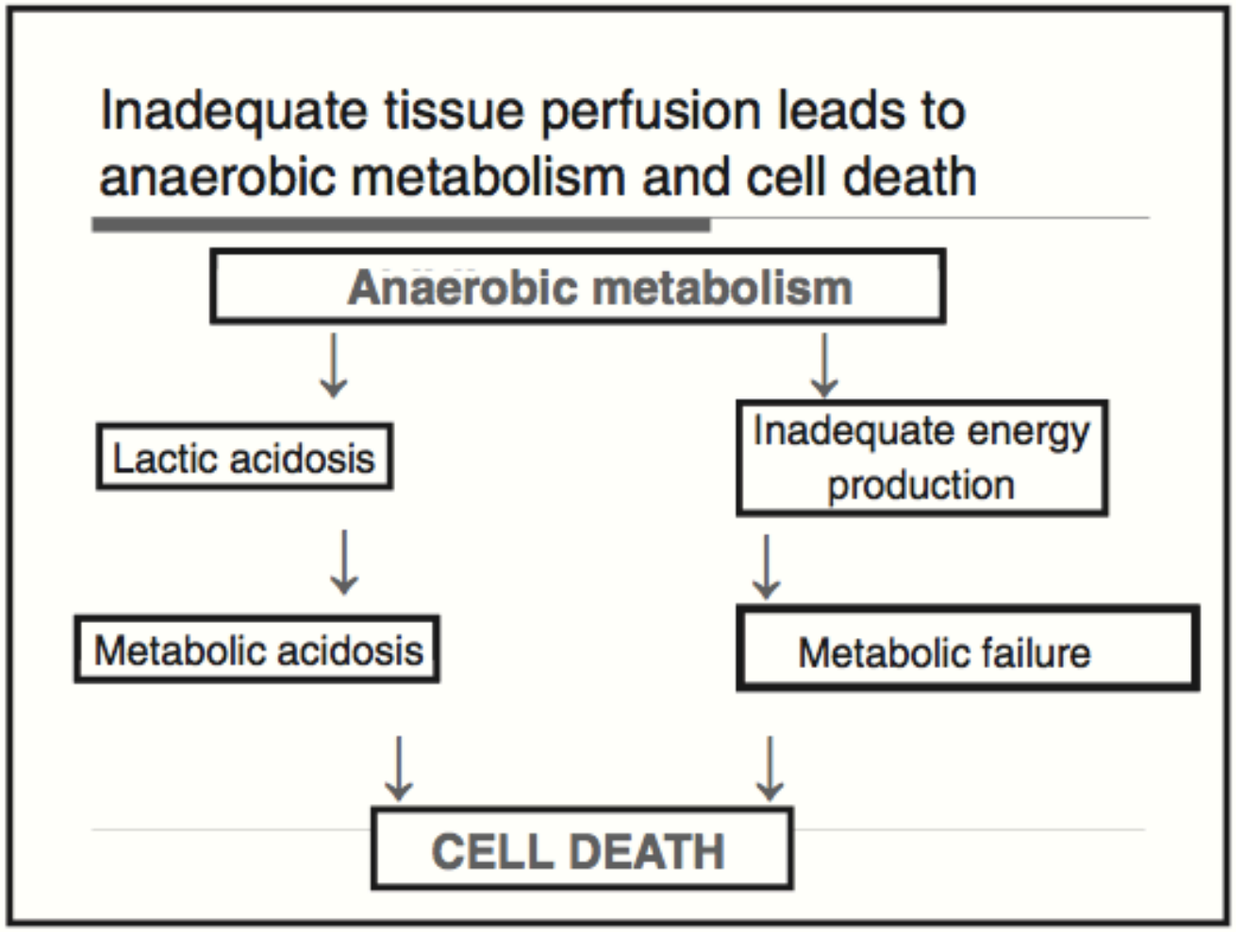
[1] The multimedia principle: present words and pictures rather than words alone

BEFORE

Inadequate tissue perfusion leads to

1. Hypoxia leads to decreased energy production which leads to metabolic failure and cellular death
2. Likewise, decreased perfusion leads to accumulation of waste products and lactic acidosis causing metabolic acidosis and cellular death

AFTER



Instructional Design

Applying multimedia design principles enhances learning in medical education

Nabil Issa,[1] Mary Schuller,[1] Susan Santacaterina,[1] Michael Shapiro,[1] Edward Wang,[1] Richard E Mayer[2] & Debra A DaRosa[1]

"There was statistically significant greater increase in retention and transfer in the modified slide group"

...and an Art

"Successful teaching is a performance and the sooner we make peace with that fact, the better"

(Tauber R, Mester C. *Acting Lessons for Teachers: using Performance Skills in the Classroom.* Praeger, 2007 2nd Edition.)

Prezi.com

Prezi is a presentation tool that helps you organize and share your ideas. Watch the video ›

Save | Meeting | Print | Help | Exit

Continue Your Prezi skill Tutorial

Path

Add

Delete All

Capture View

2 8 4

Exploration

5

6

7

Show

1 2 3 4 5 6 7 8

BAYLOR COLLEGE OF MEDICINE
RESEARCH • EDUCATION • SERVICE

Prezi

Benefits

Zoom function allows you to create large diagrams

More interactivity and can deviate from set path

Drawbacks

Very steep learning curve

More time intensive

Smartphone-based Presenters

Keynote Presenter

AT&T LTE 9:53 PM

Options

Slide 1 of 26

Current

Next

AT&T LTE 9:55 PM

Options

Slide 2 of 26

I have no financial disclosures

Make humorous financial joke here

Smart-phone based presenters

Benefits

Always have the presenter available

Shows images and notes

Drawbacks

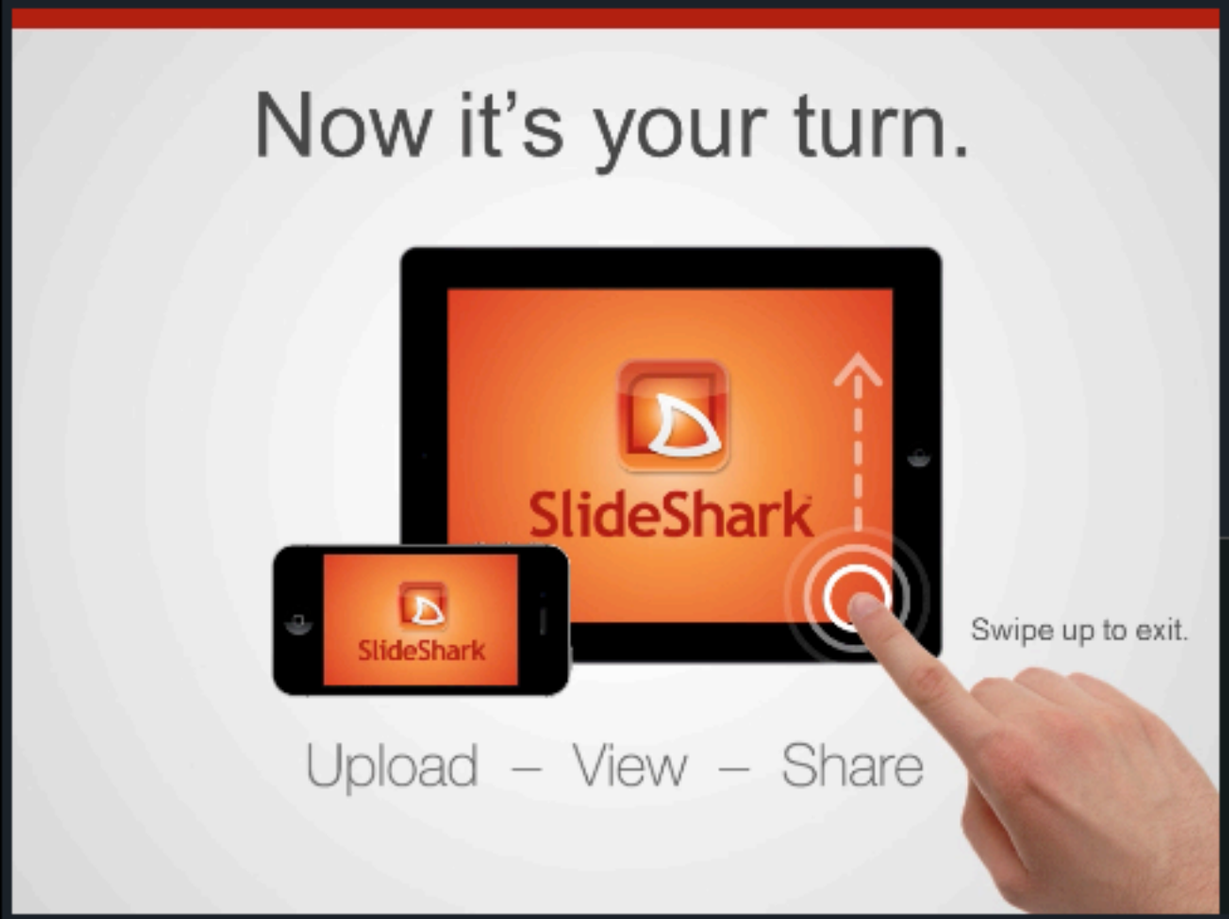
Variable quality

No pointer*

Must link through internet or bluetooth

SlideShark™

AT&T 3G 5:09 PM 52%



Overall Elapsed Time:

00:00:00

Start Timers

Reset

not projecting

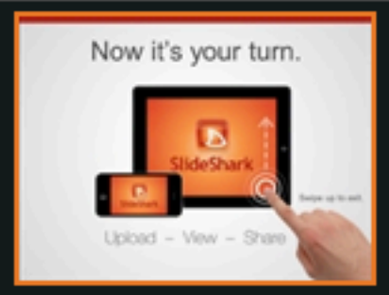
Current Slide Elapsed Time:

00:00:00

Your Turn

Slide 7 of 7

Use the Pointer



Your Turn

PowerPoint slide notes will appear in this section.

Slideshark

Benefits
Cloud storage of presentations
Pointer function
Can use iPhone to control iPad

Drawbacks
Must link through connector or via Airplay

Tablet-based Remote Presenters

× CLOSE

doceri

Connection Dashboard

Computer Name:

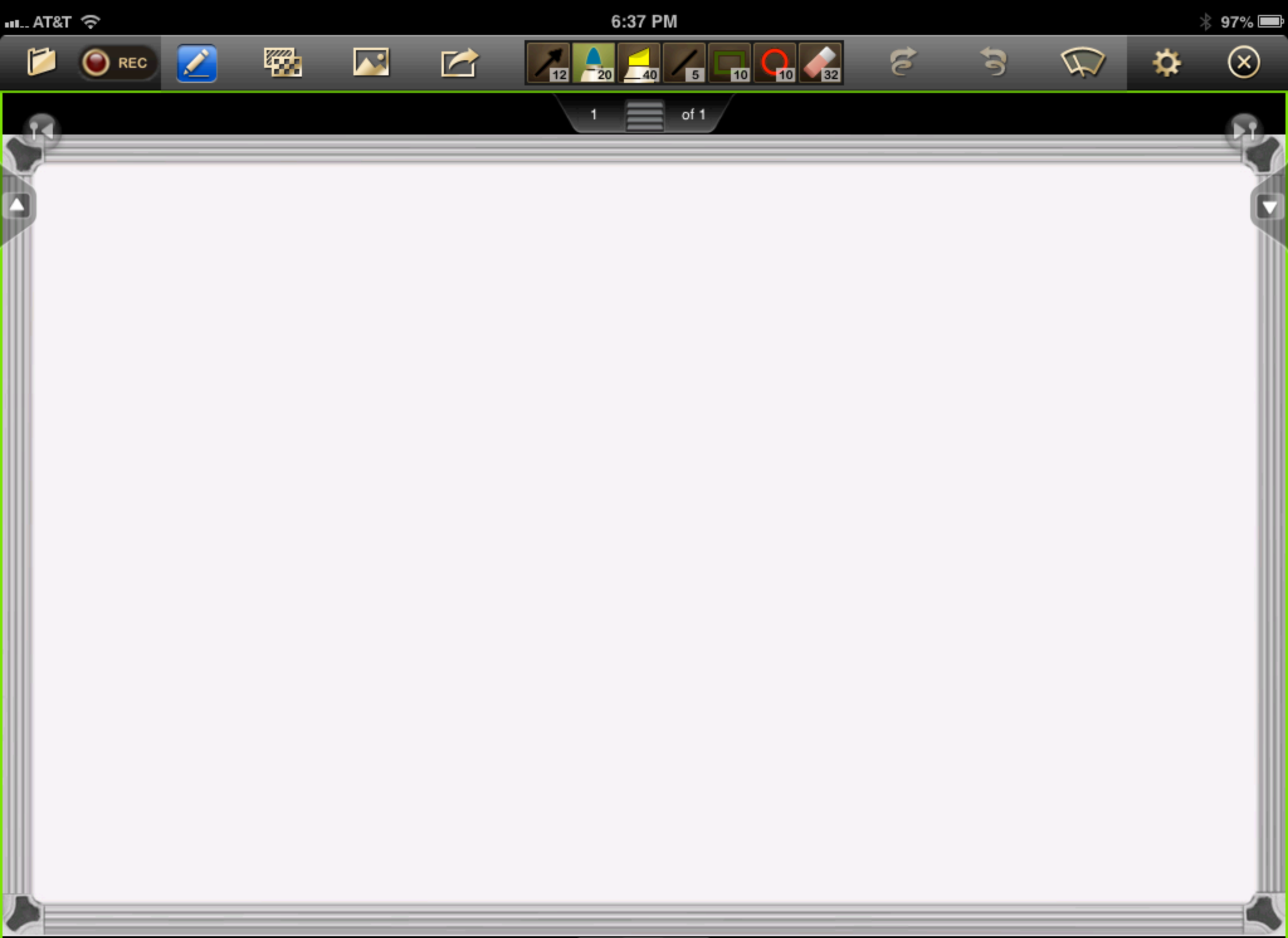
Malfords-MacBook-Air.local

IP Address: 10.0.0.10

If you have an iPad 2 or newer model, you can use the camera to quickly connect to this computer. Just look for this symbol on the Doceri startup screen.

Need help connecting?

Doceri version: 2.0.9.2142 Java version: 1.6.0_37


AT&T
6:37 PM
97%
REC
12
20
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5
10
10
32
1
of 1

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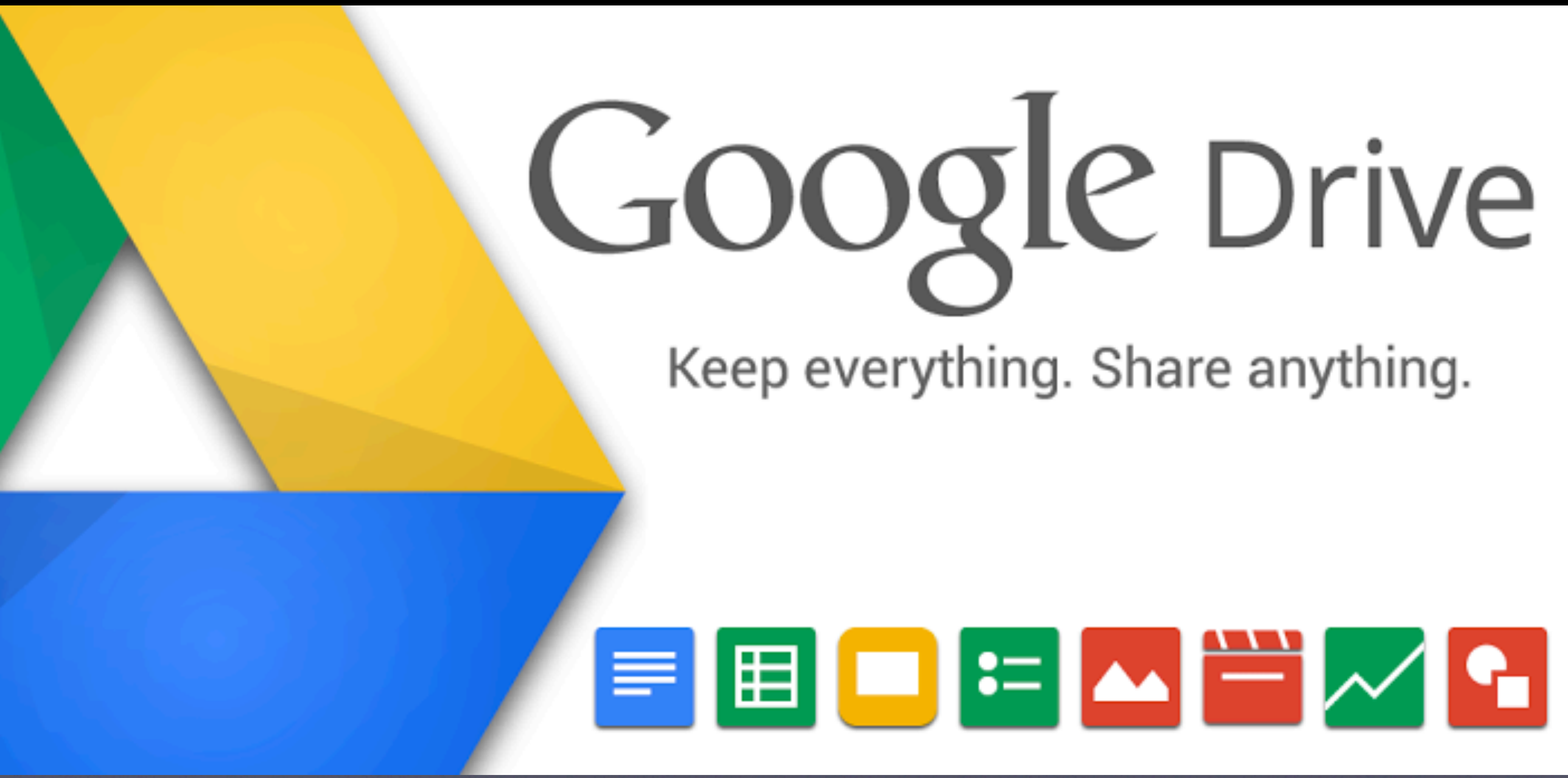
Tablet-based Remote Presenters

Benefits
Control the computer
Multiple interactive features
Recording capabilities

Drawbacks
Low threshold for technical difficulties
Transition from screen to annotation modes sometimes slow

Cloud Technologies


Google Drive
Keep everything. Share anything.

Google Drive

Benefits
Multiple users able to edit the same document at the same time

Drawbacks
Increased set-up time
Limited applications

Cloud storage

Cloud Servers

Benefits
Central repository for files
Can share links and media easily

Drawbacks
Cumbersome set-up to be enable uploads for a large group
Limited applications

Accessories
Bluetooth speakers

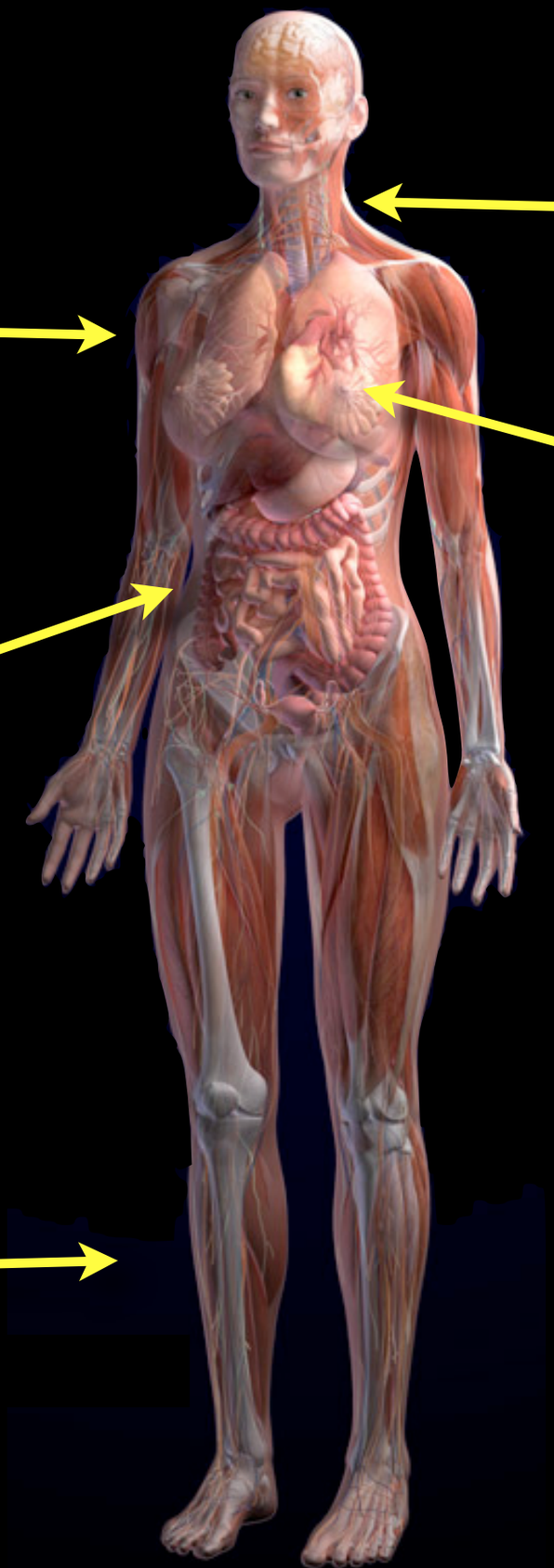
BP 123/78 HR 95 R 22 T 99.4 SpO2 96% RA

Lungs as noted

+ JVD;
mild goiter

4/6 SEM

+ hepatojugular
reflex



1+ pitting edema
to ankles

Shortness of
breath and edema

Case 3

Audience Response Systems

Tablets

Presents a video by
Rishi Desai M.D.

www.khanacademy.org

Tablets

Benefits

Free hand abilities while teaching

Can control screen on certain models

Wireless capabilities

Drawbacks

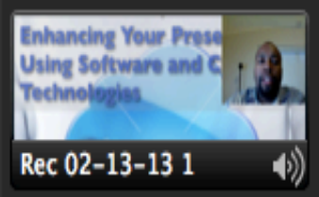
Low threshold for technical difficulties

Time intensive process

Screen capture

Untitled

Media
Annotations
Transitions
Animations
Video FX
Audio FX
Cursor FX



Rec 02-13-13 1

Rec 02-13-13 1

Scale: 36.56%

Opacity: 100%

Rotation: Z: 0.0°

Y: 0.0°

X: 0.0°

Position: X: 253.4

Y: -188.1

Z: 0.0

82%

0:00:01;22

0:00:00;00 0:00:15;00 0:00:30;00 0:00:45;00

Rec 02-13-13 1

Rec 02-13-13 1

Screen Capture

Benefits

Record audio and visual of presentations

Post-recording editing functions

Create e-Learning Content

Drawbacks

Low threshold for technical difficulties

Time intensive process

Need good audio inputs

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