# Video Modules for Online Learning: Creating Content for the New Normal

# Hello!

Julia Stumpff, MSLIS

Laura Menard, MLS

Ruth Lilly Medical Library
Indiana University School of Medicine

# Introduction

- Modified story-boarding for script creation
- Calculating video length based on words in script
- Methods used to practice and record videos

# Background

- **Teach:** EBM skills to ~365 1st and 2nd year medical students around Indiana
- **Need:** Videos to supplement concepts
- **Solution:** High quality video series on EBM topics

# Project

## Beginning

Created scripts and activities for in - person instruction.

## Middle

Modified the scripts and action for video presentation.

## End:

Partnered with the Faculty Media Production Space.

5 videos ~5 mins. each

1.5 hours → ~ 25 mins.

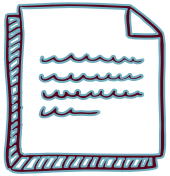
1

# Example

| Action on Screen | Script |
| --- | --- |
| RISK<br>= Absolute risk<br>= Relative risk<br>= Relative risk reduction<br>= Absolute risk reduction | It is important to know that in scholarly literature and in popular literature, there are different ways of referring to risk.<br><br>They are:<br>Absolute Risk<br>Relative Risk<br>Relative Risk Reduction<br>and Absolute Risk Reduction<br><br>For now, let's focus on Absolute Risk and Relative Risk |

https://tinyurl.com/y39y7wws

# Activity



Use the paragraph and template

to create a sample storyboard

# Initial Storyboard

| Action on Screen | Script |
|---|---|
| Pic of Rx (pill) Pic of Sugar<br><br>Risk in Drug group compared to Risk in Placebo Group<br><br>20% 60%<br><br>20% / 60% = 33% = RR | In a therapy study, we might compare the risk in two groups of people such as a treatment group and a placebo/control group to determine the Relative Risk.<br><br>If the Absolute Risk of the disease w/out treatment is 60% and the Absolute Risk of the disease with treatment is 20%, the Relative Risk (two risks compared) is 20% / 60% = 33% |

# Recording

## Therapy Study: RR

Treatment group risk
=
Experimental Event Rate

Placebo/Control group risk
=
Control Event Rate

SCHOOL OF MEDICINE
RUTH LILLY MEDICAL LIBRARY

In a therapy study, we might compare the risk in two groups of people such as a treatment group compared to a placebo or control group in order to determine the Relative Risk

Often, we refer to the treatment group risk as the experimental event rate. Likewise, we refer to the placebo or control group as the control event rate.

Now let's calculate the relative risk.

## Therapy Study: RR

Treatment group risk

1/5 = 20%

Placebo/Control group risk

3/5 = 60%

$RR = \frac{.2}{.6} = .33$

SCHOOL OF MEDICINE
RUTH LILLY MEDICAL LIBRARY

[Draw at bottom.]
If we find that the risk of the disease w/treatment is 1 in 5 or 20% and the risk of the disease without treatment is 3 in 5 or 60%, the Relative Risk (or the two risks compared) is 20% / 60% = 33%

Got it?

# Calculating Video Length

| Script | | Video |
| --- | --- | --- |
| 150 words | = | 60 seconds in video |

Write out numbers/acronyms in script

- **twenty -seven** NOT **27**
- **aye you** NOT **IU**

# Practicing & Recording

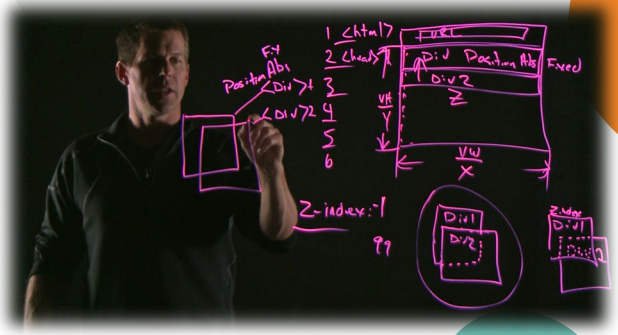
## Methods

- Create script and send to the recording studio manager
- Dry run and discussion prior to recording
- Make any changes necessary to slides and script
- Cue prompter

# Practicing & Recording

## Equipment

- Recording studio
- Tablet/stylus
- In-house editing
- Lightboard

# Practicing & Recording

## Tips & Tricks

- Work with others if you are able
- Practice twice, record once
- Consistency is key for multiple videos
- Lots of time will go into planning/recording for a short video!

# Demo Video


Evidence Based Medicine
Topics:
Relative Risk
SCHOOL OF MEDICINE
RUTH LILLY MEDICAL LIBRARY

# Wrap-up Activity

- What did you like about this video?
- What could be changed?
- Any other thoughts/ feedback?

tinyurl.com/ACRLHSIG

Password: HSIG

# Thanks!

Any questions?

Julia Stumpff, jstumpff@iu.edu
Laura Menard, lmenard@iu.edu

# Credits

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by SlidesCarnival
- Photographs by Unsplash
- Background by Paaatterns