“Tips and Tricks for Creating an Engaging Virtual Talk”
Maroun Matta, MD, MSc (Case Western Reserve University)
Darlene Nelson, MD, MHPE (Mayo Clinic)
Morgan Soffler, MD (Harvard University)

Key Principles of Adult Learning Theory
● Andragogy = the practice of teaching adult learners
● Transformational learning
● Kolb’s Experiential Learning theory
● Cognitive Load Theory

- What is the audience experience?
- How is this content relevant for the audience?
- What will motivate the audience?
- Is the timing right?
- Can I provide a space for reflection?
- Can I provide a “concrete experience?”

POWERPOINT TIPS:
● Don’t distract people!
● BEST: Narrate with images
● SECOND BEST: Read text aloud word for word
● Use familiar visual cues
● Direct attention → animation, dim, highlight, blow up

Strategies for Interactive Presentations

<table>
<thead>
<tr>
<th>In person</th>
<th>Virtual</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Think-pair-share</td>
<td>• Breakout rooms</td>
</tr>
<tr>
<td>• Quick votes</td>
<td>• Polling tools</td>
</tr>
<tr>
<td>• Body language/ eye contact</td>
<td>• Grid view</td>
</tr>
<tr>
<td>• Participation and conversation</td>
<td>• Chat and raise hands feature</td>
</tr>
<tr>
<td>• Handouts</td>
<td>• QR codes and links</td>
</tr>
<tr>
<td>• Evaluation or assessments</td>
<td>• Google forms</td>
</tr>
</tbody>
</table>
Polling:
- ZOOM
  https://support.zoom.us/hc/en-us/articles/213756303-Polling-for-meetings
- Poll Everywhere
  https://www.polleverywhere.com
- Slido
  https://www.sli.do

ZOOM Breakout rooms:
https://support.zoom.us/hc/en-us/articles/206476313-Managing-Breakout-Rooms

QR Code App:
https://qrbot.net/locale/en/

Presenting Research:
- Critical error 1: Failing to know your audience, the occasion, and the purpose of the presentation.
  - Tip: Define the problem, establish its importance, establish credibility
- Critical error 2: Boring your audience
  - Tip: Use analogies and examples!
- Critical error 3: Losing your audience
  - Tip: Signal sharp turns - let your audience know where you are going!
  - Tip: Emphasize key points, summarize main ideas