

Future Directions for Research

Todd Dorman, M.D., FCCM
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Disclosures

I have no relevant financial
interests to disclose



My hope for today

- Describe the landscape available for investigation
- Energize you to publish

What's needed to be successful

- Team
- Resources
- Funding
- Data storage and management
- Publishing planning and mindset

IRB Approval?

- If in doubt, seek
- Can seek expedited review
- May have to seek a waiver of consent
- If performance improvement and implementation of proven intervention, IRB not required
 - Issued as clarification by OHRP/DHHS

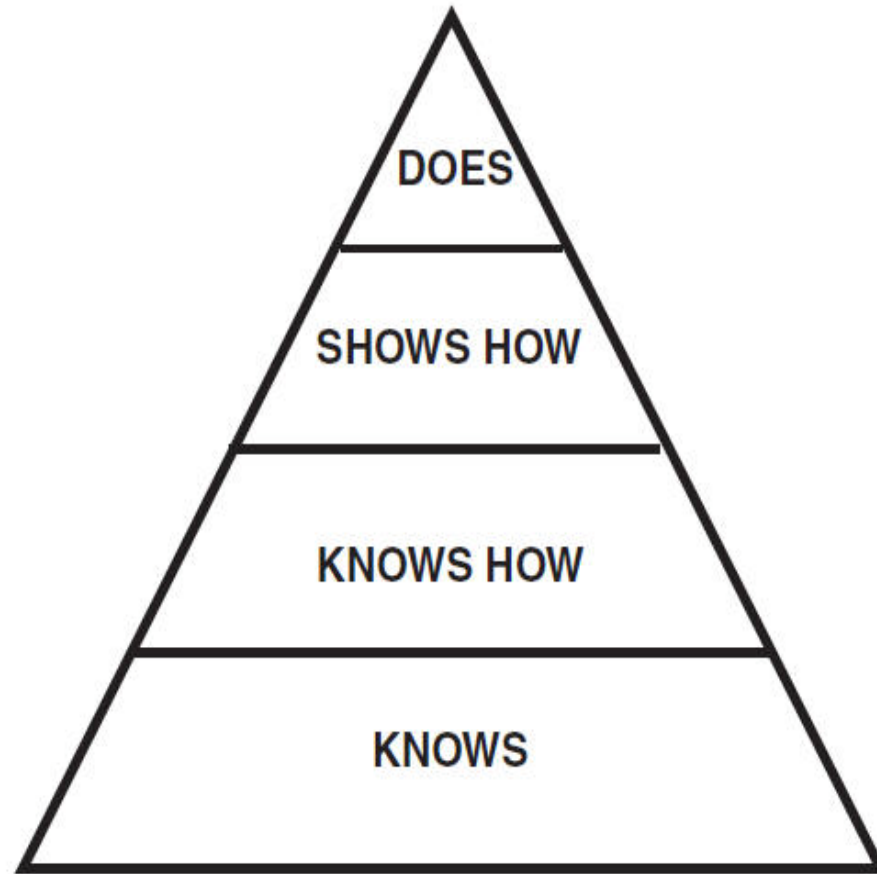
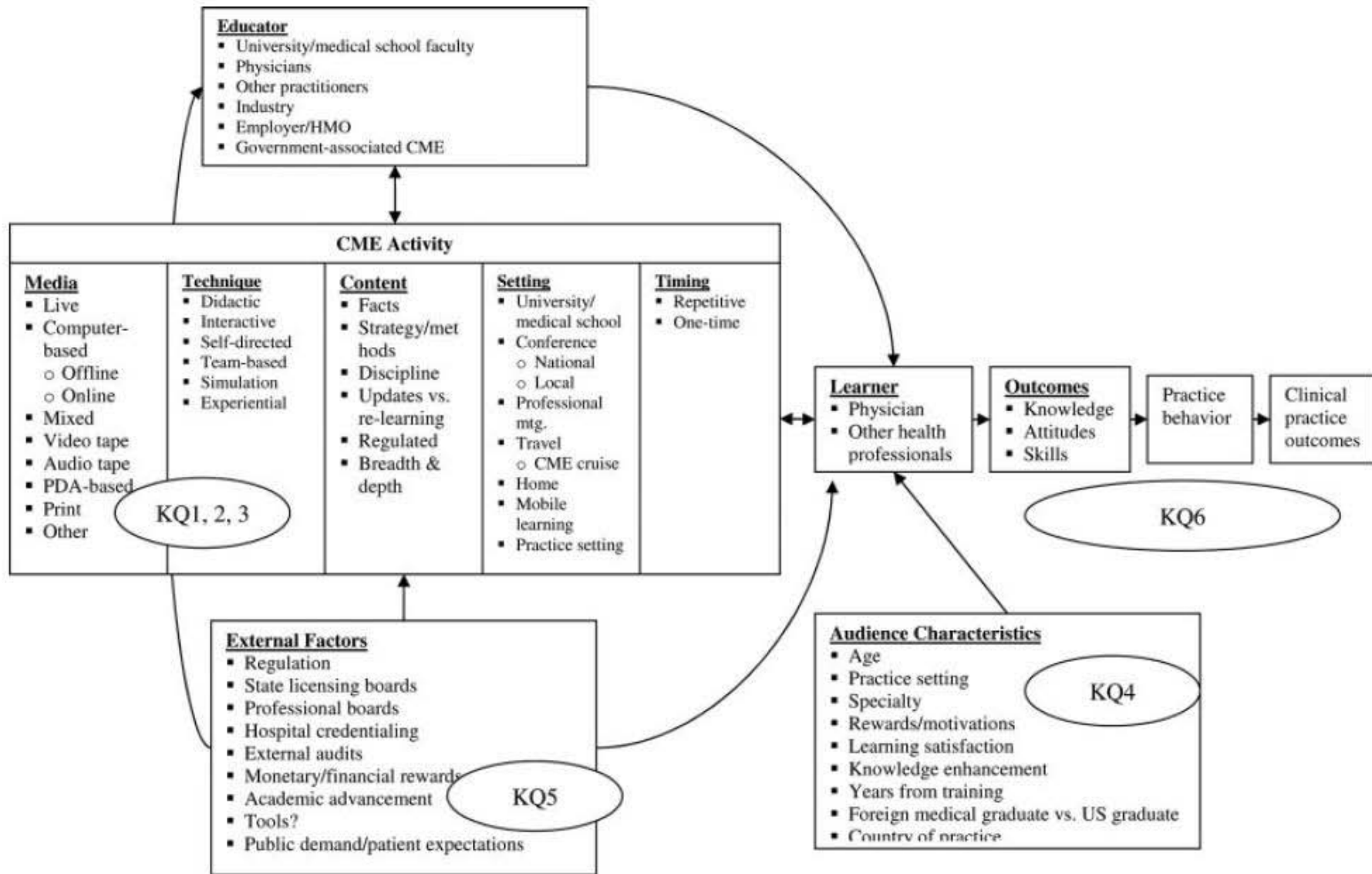


FIGURE 1. Miller's knowledge pyramid.¹⁰



Topics from AHRQ & *CHEST*

- Terminology
- Variations in reporting
- Educational skills of provider
- Conceptual model
- Taxonomy
- Differential effectiveness
- Outcomes tools
- Self assessment tools & validation
- Adult education principles
- Media/techniques
- Exposure dosage

AHRQ & *CHEST*

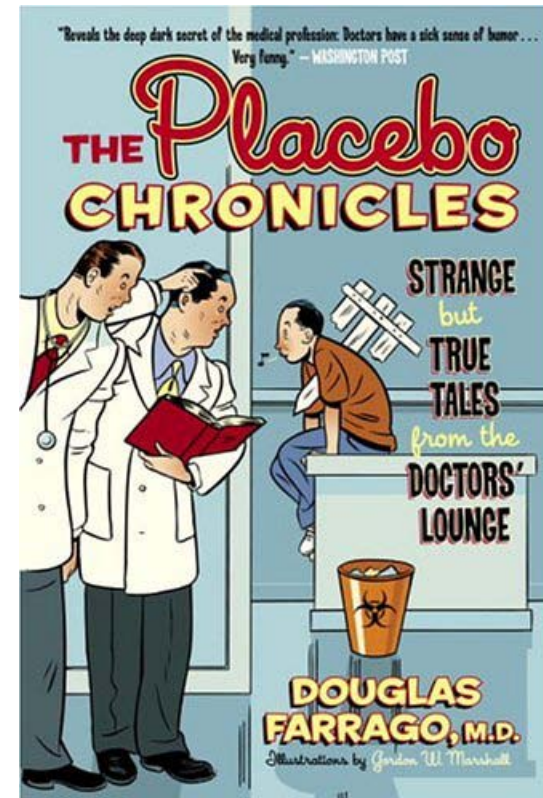
- Requires central role
 - Terminology
 - Taxonomy
 - Conceptual model
 - Reporting standards
 - Provider educational skills
- Can be distributed
 - Differential effectiveness
 - Outcomes tools
 - Self assessment
 - Adult education
 - Media/techniques
 - Exposure dosage

Draft Consensus Topics

- PI-CME
- Preparing the lifelong learner
- COI/Bias
 - Proving a negative
 - Is any rate acceptable?
- Moving POC to PrOC
- IPE

Methods

- Should I have a control group?
 - Yes
- Should I randomize?
 - Yes
- Should I have a placebo group?
 - Yes if ethically justified



Qualitative, Quantitative or Mixed

- Quantitative
 - Collect and analyze hard data
- Qualitative
 - Collect information and describe
 - Collect information, transform into hard data, analyze
- Quantitative can lead to meta analysis
- Qualitative will lead to systematic review

Is Observation Evidence?

- Yes
- Associations, not causal pathway
- Can be trumped

Evidence-Based Practice Tools Summary



Tools

- Use a validated and previously published tool whenever possible
 - Needs
 - Evaluations
 - Outcomes
- Report the validity and reliability of tool

Publishing

- Effort to write
- Decide where to submit
- The unknown of submission
- The wait
- Plan to rewrite
 - Be a duck
- Decide to resubmit to same or different

AHRQ & *CHEST* & *Consensus*

- Differential effectiveness
- Outcomes tools
- Self assessment
- Adult education
- Media/techniques
- Exposure dosage
- PI-CME
- IPE

