Rising Chiefs: Join Us

• For the second part of this session we will divide into 4 groups.

• Please sit in 4 groups of ~20 people to a group.
Not Your Typical Morning Report

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Goal

• Provide Chief Residents with a toolbox for the planning, organization, and delivery of innovative morning reports that integrate adult learning theory to enhance participant experience
Learning Objectives

• Compare different adult learning styles
• Recognize how environment can impact learning
• Underline the importance of defining learning objectives and tailoring learning objective to match your audience’s needs
• Introduce and appraise three innovative modalities for delivering educational sessions for multi-level learning groups
• Introduce a model for collecting real-time feedback on morning reports
Education: Your Role as Chief

- Arrive at work
- Facilitate Morning Report
- Complete clinical duties
- Precept residents and medical students
- Facilitate educational conference
- Attend your administrative duties
- Encourage self-directed learning
Setting the Stage for the Curriculum

• What are the benefits of morning report sessions?

• Set educational goals for morning report
  ✓ Develop critical thinking skills
  ✓ Board content review
  ✓ EBM review
  ✓ Increasing clinical knowledge
Appealing to the Adult Learner

- Knowledge
- Motivation
- Willingness
- Experience
- Self-direction
- Orientation
Appealing to Different Learners

Visual
- Pictures and images better than explanations
- Create mental image
- Written directions with diagrams

Auditory
- Prefer to hear the message or instructions
- Talk through the process
- Can recall verbal instructions

Read-Write
- Prefer information displayed as words
- Text-based input and output
- Manuals, reports, essays, written assignments

Kinesthetic
- Sense position and movement of skill or task
- Learn best in motion
- Prefer hands-on activities to didactic session

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Effective Learning Environments

**Learning Stimuli**
- Interactive
- Relevant
- Low stress

**Learning Deterrent**
- Passive
- Abstract
- High stress
Stress and Learning Environments

The Yerkes-Dodson Human Performance and stress curve 1908
Encouraging Active Learning

• Small group sessions
• Competition
• Interactive Presentation Tools/Apps
  ➢ nearpod.com, polleverywhere.com
  ➢ One-on-one questioning
  ➢ Real-time feedback
Learner Continuum

Medical Student

Intern

Senior Resident

Attending
Effective Multilevel Methods

• Targeting
  – Target questions at specific team members

• Up the Ladder
  – Ask the same question to student, then intern, etc.

• Student as Teacher
  – Ask senior learner to train junior learner

• Multi-answer
  – Seek multiple answers to same question
Building Your Content

My Initial Goal

• Teach about pneumonia

• Define the cardinal clinical features of pneumonia in pediatric patients

• Compare the efficacy of ceftriaxone to ampicillin for uncomplicated pneumonia
Learning Objectives

Verbs Useful for Stating Learning Outcomes

Comprehension
- Knowledge
  - define
  - repeat
  - record
  - list
  - recall
  - name
  - relate
  - underline
- Application
  - translate
  - restate
  - discuss
  - explain
  - express
  - identify
  - locate
  - report
  - review
- Demonstration
  - dramatize
  - practice
  - illustrate
  - operate
  - schedule
  - shop
  - sketch

Analysis
- Interpret
  - interpret
  - apply
  - employ
  - use
- Differentiate
  - distinguish
  - analyze
  - appraise
  - calculate
  - experiment
  - test
- Compare
  - compare
  - contrast
  - criticize
  - diagram
  - inspect
  - debate
- Synthesis
  - compose
  - plan
  - propose
  - design
  - formulate
  - arrange
  - assemble
  - collect
  - construct
  - create

Evaluation
- Judge
  - judge
  - appraise
  - evaluate
- Rate
  - rate
  - compare
- Value
  - value
- Revise
  - revise
- Score
  - score
- Select
  - select
- Choose
  - choose
- Assess
  - assess
- Estimate
  - estimate
- Measure
  - measure
Chief Rounds at St. Chris

- Monday—Thursday
  - 8:00-8:30am
- Led by one Chief Resident
- Case-based
- Approximately 30-60 attendees:
  - Medical Students
  - PGY-1s, PGY-2s, PGY-3s
  - Attendings
Morning Report at CCMC

- Monday—Thursday
  - 8:00am – 8:30am
- Led by one Chief Resident and Attending
- Case based vs. additional modalities
- Approximately 40-50 attendees
  - PGY1, PGY2, PGY3s
  - Medical Students
  - Chief Residents
  - Faculty preceptor
Let’s trial this together!

4 Groups & Styles
- Cases by Level
- Fishbowl
- McChief Rounds
- Texts from Friends
Take Home Points
References

• Parrino TVillanueva A The principles and practice of morning report. JAMA. 1986;256730- 733