

Principles of Adult Learning for Achieving Effective Teaching

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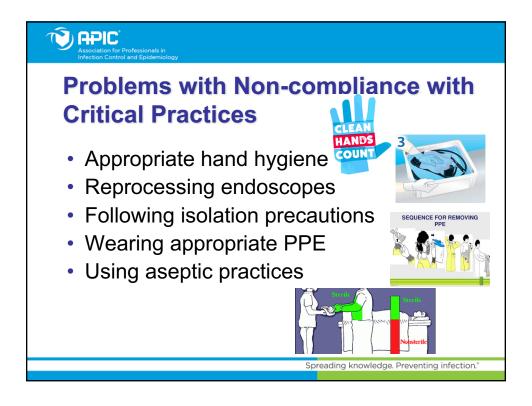


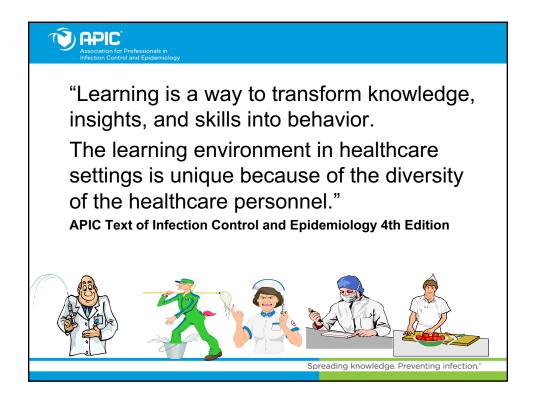
Goals and Objectives

Applying adult learning principles for effective teaching.

- Specify learning strategies (needs, motivators, roadblocks) and learning domains
- Identify learning theories that explain learner motivation and success

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Infection Prevention & Control Audience:

- Patients/Family
- Housekeeping
- Dietary

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- Nursing Assistants
- LPNs
- Nurses
- Special Technicians (Radiology, Laboratory)
- Resident/House staff
- Physicians

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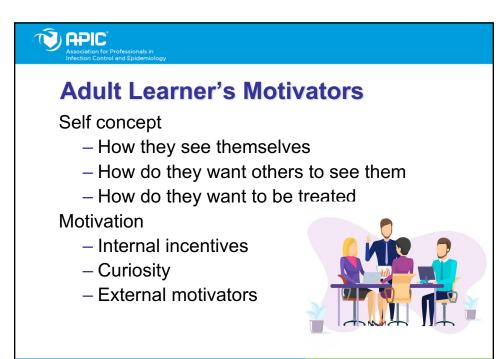


Adult Learner's Needs

- Acceptance
- -Respect
- -Support
- -Spirit of mutuality
- -Freedom of expression
- -Known by name
- -Valued as unique



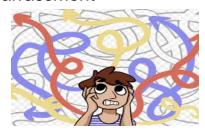
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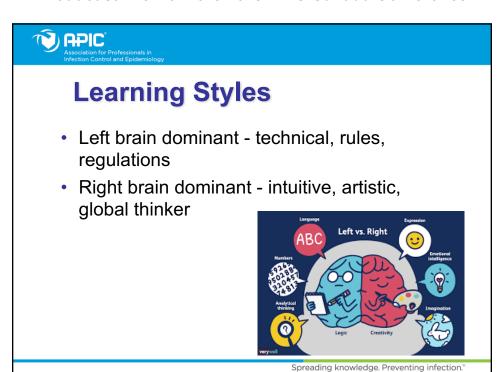
- Education/training does not always predict improved behavior
- Learners become rapidly bored
- Adults are afraid of embarrassment
- Fear of failure

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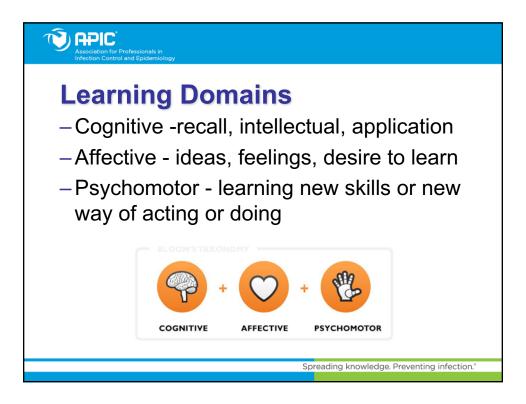


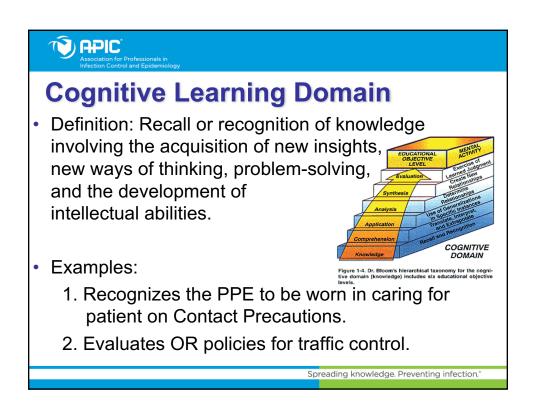


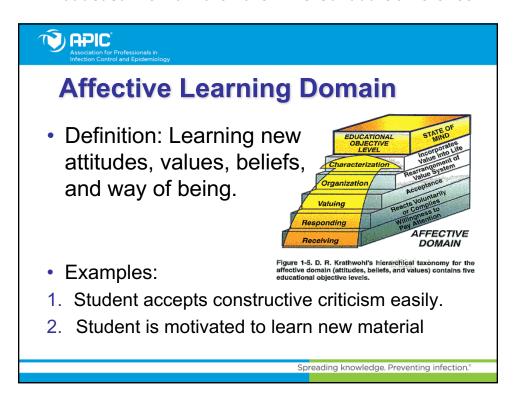
Learning Process

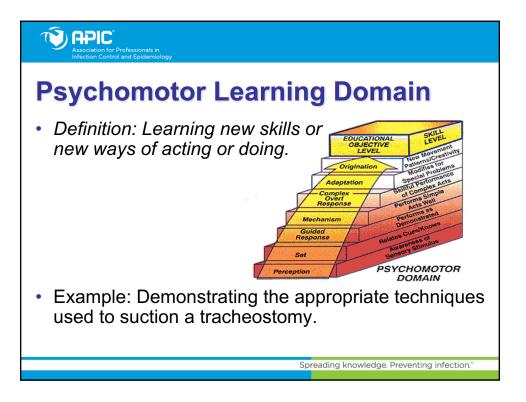
- Transforming new knowledge, skills, and values into behavior
- Directed toward goals
- Involves conflict and resistance to giving up comfortable ways of doing things
- Decision to change is necessary before learning can occur.

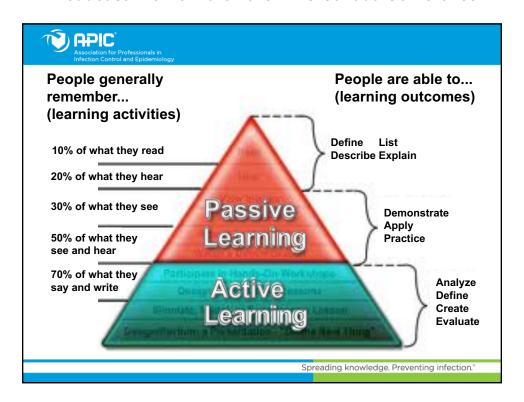
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Historical Learning Theories

Learning theory common elements- learning produces a relatively permanent behavior change and is an internal process that varies from person to person.

- Psychoanalytic-control urges (Freud)
- Behavioralist—reward-motivationconditioning-productivity (Pavlov, Skinner)
- Humanist: hierarchy of needs to achieve highest level of self actualization (Maslow)
- Cognitive: affiliation, power (Piaget)

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Alternative Learning Theories

- Andragogy vs. pedagogy-adult/child
- Constructivism
- Social Psychology Theory "Social Power"
- Shared consciousness



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Knowles Theory of Andragogy

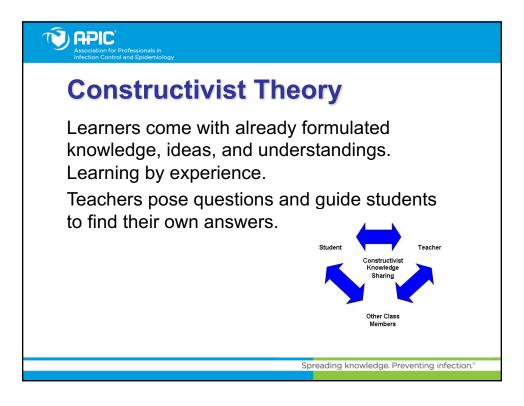
Andragogy vs. pedagogy-adult/child (Knowles)

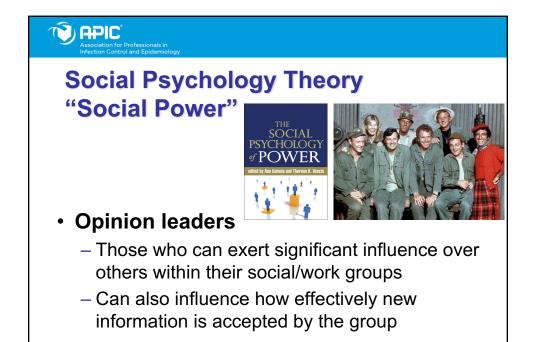
Characteristics of Adult Learners:

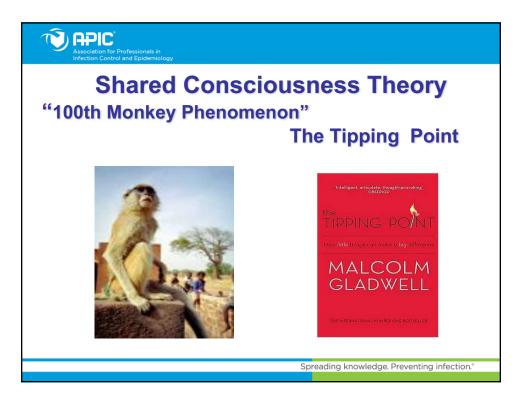
- 1) Motivated by job needs
- 2) Accumulated life experiences
- 3) Prefers practical information
- 4) Immediate application
- 5) Problem solving orientation to learning

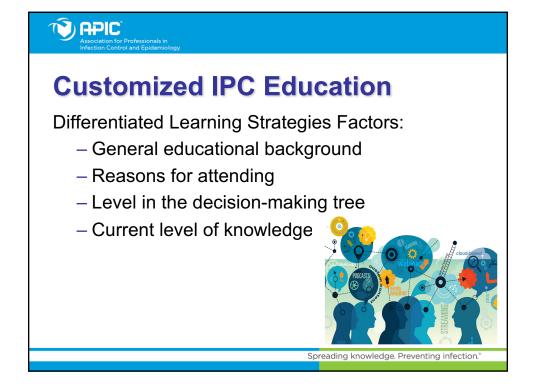


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Students learn by explaining their ideas to others and by participating in activities where they learn from their peers.

Example: CDC NSHN HAI criteria and surveillance

https://www.effectiveinstitutions.org/media/The_EIP_P_to_P_Learning_Guide.pdf

Improves competency and compliance

"Well-constructed peer groups serve as an anchor for learning."



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Precede Model

- Predisposing factors OR staff must believe wearing head coverings will prevent HAIs
- Reinforcing factors positive feedback
- Enabling Constructs reduce barriers comfort and convenience
- Diagnosis and Evaluation compliance measurement

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Hybrid Educational Program Model

- "Hybrid" or "blended" learning is a formal education course.
- Some traditional face-to-face or classroom methods are replaced by online learning activities.
- Example: attendance at a live event with assigned follow-up activities.

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Summary

HCP education and training is unique and complex because of a diversity of personnel. Successful strategies includes considering:

- Age, cultural background, ethnicity, educational level, and learning styles
- Literacy, cultural diversity, cross training and technological advances
- Applying learning theories and educational needs of learner population and institution

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