Adult Learning Across Healthcare Disciplines:

Fostering Infection Prevention Engagement

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What to expect from today



Introduce Adult Learning Principles and their benefits



Introduce different learning styles, how to apply them



Identify strategies to foster retention and engagement



Apply two (2) strategies to develop engaging education & training



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What challenges do you face engaging adult learners?





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How do you prefer to learn? (You may choose more than one)





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WHY is Education Important?

Personal Development

Global Impact

Economic Opportunity

Adapting to

Social Empowerment

Technological Change

Health & Well-Being

Reduces Inequality



LIFELONG LEARNING



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What are Adult Learning Principles? Self-directed

Experiential

Tied to background knowledge

Relevant

Problemcentered

Collaborative



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Enhances Retention & Engagement Promotes Critical Thinking and Problem Solving

Supports Motivation Through Autonomy

Encourages Reflection and Application

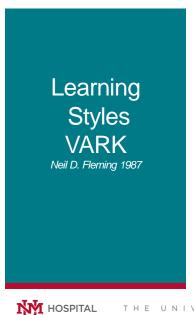
Increases the Relevance of Training

Promotes Long-term Behavior Change

Fosters Collaborative Learning

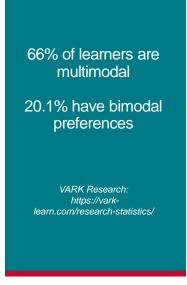


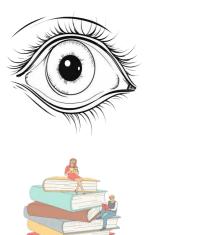
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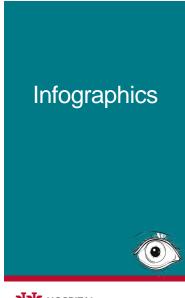
Content for Visual Learners?



- Infographics
- · Charts and Graphs
- Diagrams and Flowcharts
- · Videos, Animations, and Interactive Tools
- Photo Galleries and Illustrations



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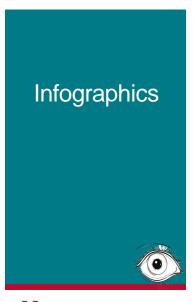




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Charts & Graphs

Does the Table Tell The Story?

Table 6. Antimicrobial usage by WHO AWaRe classification and location type

Location Type®	WHO AWaRe Classification			
	Access Antimicrobial Days	Watch Antimicrobial Days	Reserve Antimicrobial Days	
All locations	22,584,921	45,468,675	2,329,245	
Adult ICUs	2,911,751	9,006,321	569,045	
Adult Wards	14,654,484	28,582,865	1,374,403	
Pediatric ICUs	277,711	497,007	19,632	
Pediatric Wards	805,050	953,808	25,642	
Other locations	3,935,925	6,428,674	340,523	



Does the Table tell the Story?

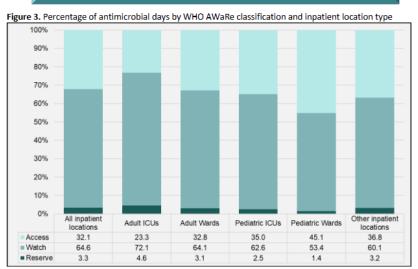


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Charts & Graphs

Does the Bar Graph Tell You More?





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Don't feel stuck after a sharps, needlestick, or splash injury.







PREVENT INJURIES AND SPLASHES.

Employers: Have PPE available.

Staff: Spare a second to wear PPE and wear it properly.
Use devices with sharps injury protection features.

One needle. One syringe. One time.

CLEAN IMMEDIATELY.

Skin: Wash affected area thoroughly with running water.

Do not apply bleach or iodine. Do not squeeze or rub area. Eyes, nose, mouth: Flush well with water or saline.

Do not use soap, antiseptics, or disinfectants.

REPORT EXPOSURES TO AN EMPLOYER. Follow post-exposure processes. On-the-job exposures often require formal follow-up procedures. Don't delay next steps—report promptly to employer (direct supervisors, managers).

SEEK PROMPT TREATMENT. Discuss the situation leading to the injury so healthcare providers can assess risk of infection and treat accordingly.

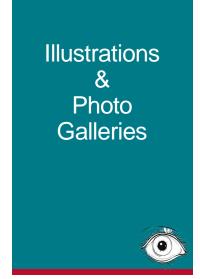
REVIEW THE INCIDENT WITH YOUR EMPLOYER. Review what happened to help reduce the risk in the future. Determine how the procedure could be improved, and evaluate different products for safer alternatives.





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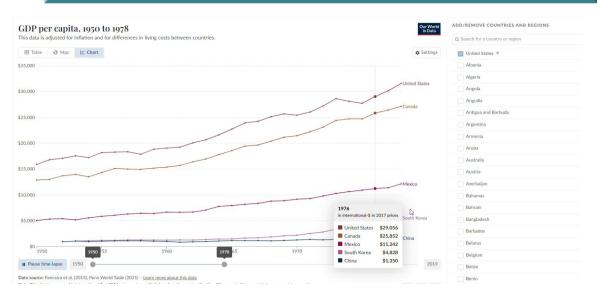






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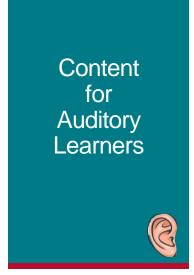
Videos, Animations, and Interactive Visual Tools



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Listening

Talking

Discussing



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Content for Auditory Learners

Listening

Often

an instructor's default

Effective

when combined with note-taking for Reading/Writing or Visual Learners

Consider

listing Podcast resources for follow-up.







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Content for Auditory Learners

Talking

Memorable and repeatable

Acronyms

Memes for Audiovisual learners







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Content for Auditory Learners

Discussing

- Questioning
- Responding
- Debating
- Rephrasing







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Content for Reading and Writing

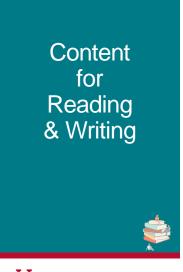
Reading and writing were the forgotten Rs in the Neurolingistic Acquisition Model (VAK)-- a model based on varying from the modes education already relied on.

Sometimes we are so eager to embrace the new, that we leave off something old and valuable. VARK restored reading and writing—to place in education but did not give it primacy over other modalities.





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Reading and Writing Activities

Handouts, Links

Note-taking

Reflection Responses

Journaling
Open-ended questions
Survey questions





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Incremental
I Do
We Do

You Do





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Incorporates
Demonstration,
Check-Backs,
and Feedback



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Kinesthetic components aren't just for kinesthetic content!



Kinesthetic strategies

Assist with visualization, sustainability of action, and retention.

May incorporate tools or props, but don't rely on them unless they are essential to a procedure being taught.





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Barriers to Success



Information Overload

Time Constraints

Burnout & Fatigue

Perceived Irrelevance or Routine

Resistance to Change or New Protocols

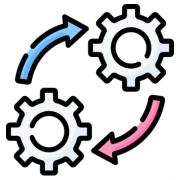
Inconsistent or Poor Training Delivery



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How Do We
Tie in the right
Learning Styles
For Our Entire
Audience?

- 1. Know Your Audience's Goals
- 2. Set Clear Objectives
- 3. Adopt Multimodal Teaching Methods
- 4. Blend Learning Strategies
- 5. Assess & Adjust: Incorporate Feedback Loops
- **6.** Leverage Technology—Don't let technology leverage you!



Thinkific Tulane University Teachable



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Fostering retention & engagement-

CONTENT SHOULD BE

- Relevant
- Incremental
- Multimodal
- Self-directed
- Flexible
- Collaborative
- Sustainable







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Fostering retention & engagement

EDUCATORS SHOULD

- Foster psychologically safe environment
- Listen actively
- Acknowledge prior experience
- Provide immediate feedback
- Allow time to reflect
- Create opportunities to collaborate





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Education Plan Template

Educatio	n Plan Template			
Title:				
Descripti	on:			
Objectives:				
Time	Workshop Topic/Activity	Description/Modalities/VARK	Materials Needed	
	Intro			
		V A R K		
		V A R K		
		V A R K		
	Closing			



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Develop your Education Plan



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Debrief



Learning Styles Applied
At Least two (2) Strategies
What went well?
What were your opportunities?



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Introduced Adult Learning Principles, why important and benefits

Introduced the VARK learning styles and barriers to retention & engagement

Identified strategies to foster retention and engagement

Applied and least two (2) strategies to develop engaging education & training



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Do You Want To Know More About Adult Learning?

Teaching Excellence in Adult Literacy(TEAL) Fact Sheet #11: Adult Learning Principles

VARK Learning Styles:

Questionnaires and <u>Strategies</u> for <u>Learners</u> and <u>Educators</u>, including strategies for each modality in multiple languages.

The Learning and Development Podcast, Episode 98 <u>Learning and Development with Dr. Carrie O. Graham</u> (39 min listen)



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Thank You!

Your Feedback is Important





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