



EMC 340 Intro to Clinical Medicine

Learning Styles in Partnerships and Groups

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Outcomes

- ☐ At the completion of this lecture, you should be capable of;
 - ☐ Discussing paramedic education relating to expanded roles as outlined in the National Standard Curriculum (NSC 7-1)
 - ☐ Evaluating the importance of learning styles
 - ☐ Exploring the relationship between the paramedic personality and their learning styles, compared to that of other health professionals or non-medical personnel



Outcomes, continued


- ☐ Discussing examples of differing learning styles
- ☐ Describing learning style differences discussed in the literature (Dr. Lovin)
- ☐ Expanding on the variety of experience and expertise levels of students in this class
- ☐ Consider whether or not entering paramedic students learn different from the experienced adult learner.
- ☐ Exploring how an experienced paramedic may expand his or her learning styles



Importance


The importance of knowing your own particular learning style is to have a better understanding of how to

- ❑ Solve problems
- ❑ Work in Teams
- ❑ Manage Conflicts
- ❑ Maintain Relationships
 - ❑ In personal relationships at home
 - ❑ In professional relationships at work




Adult Learners

- ❑ The ability to learn is the most important academic skill you can acquire.
- ❑ Adult learners are already better at some learning skills than others. They tend to rely on some skills and steps in the learning process more than others. As a result, they have developed a unique learning style.
- ❑ In order to be a more effective learner, there has to be a change
 - ❑ This will be represented in a shift of behavior or thinking



Understand Your Style


- ❑ Helps you become aware of your strengths in some steps of the learning process.
- ❑ Allows you to make adaptations to your learning style for success.
- ❑ Improves your learning effectiveness so you can use those strengths that you are accustomed to using.
- ❑ Will most importantly increase your effectiveness as a learner by improving your use of steps now currently under utilized.



Influences

Learning styles may or may not be closely related to:


- ❑ Career choices
- ❑ Methods of problem solving
- ❑ Methods of Management
- ❑ The way you worked as part of a team



Learning Styles

When exploring learning styles, you must consider;


- ❑ How problem solving relates to learning styles.
- ❑ How to improve your learning skills.
- ❑ How career choices can be closely related to certain learning styles and personalities.



Circular Model

Circular Model of the Learning Process

- ❑ Use a circular model of the learning process to solve problems
- ❑ Learning styles and effective problem solving
- ❑ Many problems that you've previously experienced have involved:
 - ❑ Identifying which problems need to be worked on
 - ❑ Selecting what part of the problem to solve
 - ❑ Evaluating all possible solutions using abstraction
 - ❑ Seeing different solutions available
 - ❑ Evaluating the possible results are consequences
 - ❑ Implementing the solutions / active and experimental learner




Correlation

Circular Model of the Learning Process

Correlation of the learning cycle with learning styles and with problem solving


- ❑ Choose a model or goal (health)
- ❑ How is that goal not being met (trauma)
- ❑ Select a problem (inadequate ventilation)
- ❑ Selected part of the problem for attention (intubation)
- ❑ Consider alternative concerns (C-spine immobilization)
- ❑ Evaluate pros and cons of solutions (airway first)
- ❑ Select one solution (simultaneous C-spine and airway)
- ❑ Enact that solution (intubate and protect C-spine)



Improving Skills

Improving Your Learning and Problem Solving Skills

1. Develop relationships with people whose learning strengths and weaknesses are opposite to yours.
2. Examine the fit between you're learning style strengths and the kind of problem solving experiences you face.
3. Practice and develop skills from our areas of weakness.



A Flexible Learner

- ❑ Try to strengthen your weaknesses
- ❑ Increase your flexibility so you increase your ability to cope
- ❑ It will be challenging and difficult, taking time and patience
- ❑ Involves trial and error



Supportive Relationships

- ❑ Recognize your own strengths and build on them
- ❑ Appreciate others' learning styles and benefit from them
- ❑ Don't assume that you have to solve problems by yourself
- ❑ Avoid association with only those with exactly the same learning skills you possess



Communication

To communicate more effectively with people who have differing learning styles:

- ❑ Learn how to communicate your style
- ❑ Appreciate and understand alternative learning styles
- ❑ Learn how to ask for help from people in your areas of weakness



Strategy

Do you have a long term plan?


What are the most appropriate ways for you to practice?

What benefits do you expect?



Research Article

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Evaluation

Do you agree with the TRG/LSI interpretation of your style?

What are your strengths?

What are your weaknesses?



Summary

We have:

- ❑ Considered the expectations that the EMC 340 course will prepare the learner to meet new and challenging demands, including expanding the scope of paramedic learning and skills.
- ❑ Explored the paramedic personality and some of the relationship of this to learning styles of both health professional and non-medical careers.
- ❑ Considered the importance of learning style differences of students just entering a paramedic course and the experienced paramedic.
- ❑ Explored how to continue to expand upon our learning styles.
