Active Learning Strategies to Promote Effective Communication with Diverse Patient Population

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Objectives

After participating in the session the attendee will be able to:

- Discuss the importance of active learning
- Develop an active learning activity to improve communication skills needed by radiographers when dealing with culturally diverse patients and patient with other communication barriers
- Demonstrate multiple methods of using active learning to engage the students in learning
- Select and properly implement active learning activities to foster learning

Introduction

Variety of learning styles

- Visual
- Verbal/Auditory
- Kinesthetic
- Others

Recent Studies Data
Active Learning Defined...

- Opposite of passive learning
- Interactive engagement
- Hands-on (always) activities which yield immediate feedback through discussion with peers or instructors (Breslow, 1999)
- Higher-order thinking as analysis, synthesis, and evaluation (Dewing, 2009)
- Think about what they are doing (Prince, 2004)

Methods of Active Learning

- Games
- Case studies/Vignettes
- Simulations
- Small group discussions
- Collaborative group discussions
- Role Play

Active Learning Planning

- What is the objective of this activity? What kind of learning experience do I want to provide in the classroom?
- What do I want my students to learn?
- How will students be paired? Will they work with someone sitting beside them, behind them, or someone they don’t know well?
- What will the activity occur during the class? Beginning? Middle? End? How much time will be allocated for the activity?
- Will the activity be graded?
- Will students write their response or present material to the class?
- What preparation will be needed for the activity? Will the students know beforehand? What preparation is required by students in order to fully participate?
- What active learning activity works best to increase the students' understanding of the material in my course (course-based)?
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Activities

Examples

• Small group discussion & Presentation
• Role play

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Assessment

Item analysis
Surveys/Questionnaire
Debriefing
Peer Assessment
Demonstration
Why is assessment important?

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Recommendations

► Active Learning implementation: Promotes student engagement
► Introduce a case study/vignette
► Have students role play
► Film Critique
► Use conversation triggers: a news article, visual image, video clip, short reading, clinical ethical dilemma
► Utilize activities that foster active participation (doing)
► Student present material to the class
► Student write short solutions and discuss with 2 or 3 other students
► Student can express their reaction to some aspect of the course material
► Games (informal assessment method)
Recommendations Con't...

- Implement techniques to **increase retention** of material in lecture and text.
- Daily Journal: assigned as homework or set aside time in class
- Weekly Quizzes
- Pause during lecture
- Games

<table>
<thead>
<tr>
<th>Method</th>
<th>Activity</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Games</td>
<td>Insight planning, problem-solving, articles</td>
<td>Review, communication, collaboration, leadership</td>
</tr>
<tr>
<td>Case Study/Problem Based Learning</td>
<td>Film Critique</td>
<td>Decision Maker, resolving problems, social integration</td>
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<tr>
<td>Group Discussion</td>
<td>Whole Class Discussion</td>
<td>Team-building, peer learning, social integration</td>
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<tr>
<td>Collaborative Learning</td>
<td></td>
<td>Decision making, effective communication</td>
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</tbody>
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Thank You

- Arigato
- Gracias
- Merci
- Danke
- Szimpla
- Grazie
- SHOKA


