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Team-Based Learning (TBL) Principles

- ❖ Multi-phase pedagogical approach that helps students see the value of a team approach to complex problems
- ❖ Requires active student participation
- ❖ Individual Readiness Assurance Test (IRAT) ensures student accountability
- ❖ Group Readiness Assurance Test (GRAT) promotes learning and team development
- ❖ Team Discussion Activities provide opportunities to apply learned concepts
- ❖ Peer evaluation process promotes accountability to group members

The 4 "S"s

Significant
to the
student

Same problem
for all
students

Specific
choice

Simultaneous
reporting

Undergraduate Research Course Design

- ❖ Revision of current research course to TBL format
- ❖ Creation of IRAT/GRATs
- ❖ Team Discussion Activities
- ❖ Peer Evaluation Instructions
- ❖ Paper assignment – Research Article Critique



Challenges

- ❖ Technical issues related to online platform
- ❖ Peer evaluation process
- ❖ Inability to adhere to 4th "S" (simultaneous reporting) in an asynchronous platform

Implications

- ❖ TBL is an innovative teaching strategy that develops clinical reasoning and collaborative skills
- ❖ Incorporating TBL into online nursing education enhances learning through increased engagement and communication
- ❖ Peer evaluation process provides greater insight regarding online students
- ❖ TBL in online nursing education may segue to improved critical thinking and higher quality nursing care

Course Implementation

- ❖ In-depth explanation of TBL principles
- ❖ Faculty-assigned teams
- ❖ Deadlines strictly enforced

Results

- ❖ TBL viewed positively by students
- ❖ GRAT scores > IRAT scores
- ❖ Improved student engagement and communication
- ❖ Increased student accountability
- ❖ Higher quality research critique assignment
- ❖ Enhanced self-directed learning as evidenced by worksheets and team discussion activities



References
Michaelsen, L. Parmelee, D., McMahon, K. & Levine, R. (Eds.). (2008). *Team-based learning for health professionals: A guide to using small groups for improving learning*. Sterling, VA: Stylus Publishing.

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