Virtual Grand Rounds via WIKI and Blog

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Grand rounds are a ritual of medical education consisting of presenting the medical problems and treatment of a particular patient to an audience consisting of doctors, residents, and medical students.

WHO & WHAT

Undergraduate Health Service Management students assume the role of medical residents who are part of the team charged with preparing a case presentation for grand rounds. Each team of 6-7 students creates a patient case presentation on a specific disease/disorder. The final presentation is posted on the Blackboard (Bb) site where fellow students and the course instructor review, comment, and ask questions on the group’s case presentation.

The presentation must explain the patient’s medical disorder/disease entity as well as summarize the patient’s course of care. It should contain the following elements:

- Synopsis of the disease etiology/pathophysiology. Includes epidemiology of the disorder/disease, significant etiologic agents, associated symptoms and signs, and diagnostic tests (labs, imaging, etc.) utilized.
- History of the present illness and significant past history for the case.
- Relevant review of systems (ROS).
- Summary of the patient’s course under your team’s care (includes description of what was done for the patient and how the patient responded).
- The patient’s medical diagnosis and treatment regimen. For example, is the patient receiving any medications, surgical interventions, or other therapy for his/her illness?
- Talk about the disease prognosis. For example, what are the associated complications that can affect morbidity and/or mortality for a patient with this particular disease?
- The “latest greatest” research findings or developments either in the diagnosis, treatment, and/or understanding (pathophysiology) of your chosen disease/disorder.
- Bibliography of reference sources.
- Apply knowledge of medical terminology and human disease.
- Use clinical/medical discourse in a report.
- Engage in collaborative independent learning.
- Practice written communication skills.
- Develop research skills.

WHY

- Team members collaborate in the Bb WIKI space. WIKI is an interactive tool that allows anyone to add, delete, and/or modify content on the web.
- Each team then uploads the final version of their grand rounds presentation to the Bb BLOG area so that others may review, comment, and provide feedback on their grand rounds report.

WHERE

Example of WIKI Work Template

Example of BLOG Space

OTHER BENEFITS

- Allows for interaction between DE and on-campus students.
- WIKI work space facilitates validation of work input by each team member via audit trails.
- Blog space allows for further active learning: “challenge and defend.”
- HSM students learn how clinicians think and organize information about patient disorders.