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Sim Wars

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Sim WARS



Patient Safety Simulation Lab



LIGHTS-CAMERA-ACTION!

- September 2013 Baptist Health hosted its first inaugural SimWars competition
- Sponsored by the Patient Safety Simulation Lab & Patient Safety Partnership.
- The competition was designed as an educational day to include:
 - Teaching about live simulation
 - Avatar computer based simulation
 - In-Situ drills
- The goal was to stimulate interest, enthusiasm and participation of teams in the Sim Lab and to heighten awareness of team dynamics.
- The SimWars Competition focused on choosing the team that best displayed teamwork and communication skills; i.e. Crisis Resource Management (CRM).
- CRM behavioral skills are a set of principles adopted from the aviation industry that aim to coordinate, utilize and apply all available resources to optimize patient safety and outcomes. The objectives of the event were to identify team behaviors that are essential for effective crisis management, assess how simulation is an effective tool for improving patient safety and explain the capabilities that are currently available in the Sim Lab.



METHODS / PROCESS

- Six Teams throughout BHSF
 - 2 Emergency Department
 - 2 Obstetrical Department
 - 2 Intensive Care Unit
- No knowledge of scenarios
- Panel of 3 CRM Instructor judges
- Judged on 5 areas of teamwork and communication
- Audience judged via remote voting
- Likert Scale (1=lowest;5=highest)

Judging Criteria

- Team Structure:** Delineates fundamentals such as team size, membership, leadership, composition, identification and distribution of roles.
- Leadership:** Ability to coordinate the activities of team members by ensuring team actions are understood, changes in information are shared, and that team members have the necessary resources.
- Situational Monitoring:** Process of actively scanning and assessing situational elements to gain information, understanding, or maintain awareness to support functioning of the team.
- Mutual Support:** Ability to anticipate and support other team members' needs through accurate knowledge about their responsibilities and workload.
- Communication:** Process by which information is clearly and accurately exchanged among team members.

CONCLUSION

Simulations conducted and votes tallied...

And The Winners are ...

- First Place:** South Miami Hospital Emergency Department
- Second Place:** Baptist Hospital of Miami Neonatal Intensive Care
- Third Place:** Baptist Hospital of Miami Labor and Delivery
 - South Miami Hospital is looking forward to defending their title next year.
 - Evaluation comments reflected that the objectives of the day were met and it was a fun learning experience by all.

IMPLEMENTATION

- Stage set for each individual team i.e., Simulators-moulage-equipment.
- Challenging scenarios; encouraged the use of CRM:
 - Closed Loop Communication (give/receive/verify)
 - Designation of Leadership and Followship
 - Distribution of Workload
 - Role Clarity
 - Shared Mental Model among team members
 - Anticipate and Plan
 - Avoidance of Fixation Errors
 - Mobilize all available resources
 - Cross (double) check
 - Know the environment
 - Use Cognitive Aids
 - Call for Help Early
 - Re-evaluate Repeatedly
 - Use Good Teamwork
 - Allocate Attention Wisely
 - Set Priorities Dynamically

- Meant is not said

- Said is not heard

- Heard is not understood

- Understood is not done

Confucius