

## Verification of Proficiency Module for Basic Laparoscopic Skills SIU Surgical Skills Laboratory

*OBJECTIVES: By the end of this module the resident will meet proficiency standards for the performance of:*

- 6 Basic Laparoscopic tasks on the laparoscopic box trainer
- Lap Sim simulator basic skills
- Lap Sim simulator Precision & Speed

### GUIDELINES FOR PRACTICE

- Request to be installed as a user on the Lap Sim simulator.
- Review the written instructions for each basic skill on the Lap Sim simulator
- Complete the Lap Sim simulator basic skills, Easy 1&2, Medium1&2, Hard 1&2 and the Precision & Speed exercise.
- View the videotape of instructions for the Basic Laparoscopic exercises on the laparoscopic box trainer.
- Review the written instructions and then complete the basic laparoscopic exercises on the laparoscopic box trainer.
- Begin your practice with focus on the mechanics of instrument handling and hand movement
- Next, practice with focusing on efficiency and economy of motion
- Consider requesting verification of proficiency when you are able to perform the laparoscopic skills on the box trainer in less time than the time requested.

The Basic Laparoscopic exercises on the laparoscopic box trainer will be measured by using a scoring system rewarding precision and speed. A timing score is calculated by subtracting the time to complete the exercise from a preset cut-off time.

### INSTRUCTIONS FOR VERIFICATION FOR PROFICIENCY TESTING

Your practice sessions have resulted in proficiency when you are able to perform the basic laparoscopic box trainer tasks in the listed time allotment. You have completed the verification of proficiency module in basic laparoscopic skills.