



## WHAT IS GLAP PROGRAM?

GLAP is a collaborative engagement between SAGES in the US and National Surgical Society and/or local government abroad. SAGES brings to the selected country a team of U.S.-based SAGES faculty who are experts in their field. This team partners with local surgeon educators, many of whom are leaders of their in-country national surgical societies, to teach the GLAP curriculum. The onsite GLAP course agenda consists of 5 days of lectures on “train the trainer” techniques, laparoscopic skills, curriculum development and outcomes/data reporting.

**Attendees:** There are two training tracks throughout the week. One track is for educators who are practicing surgeons, and the other for senior-level surgery residents.

**Lectures:** Lectures are divided between those focused on 1) mastery of teaching and 2) skills acquisition.

1. Education-based lectures focus on how best to teach trainees in and outside of the operating room, as well as how to design a curriculum, give feedback and evaluate trainees.
2. The skills acquisition lectures teach both educators and trainees laparoscopic techniques through SAGES education resources such as FLS, FUSE, and Safe Cholecystectomies.

**Hands-on Learning:** Low-cost simulation is a popular activity in this program and the educators are asked to work in teams to create their own low-cost simulator. There is a pig lab where educators use the teaching skills they have learned during their lectures to teach residents safe laparoscopic surgery. Toward the end of the week, there are two days of side by side teaching and operating with surgeon educators and residents in the operating room.

**Enduring Partnership:** GLAP is designed to be an enduring and sustainable partnership between local hospitals and SAGES. Data collection and outcomes reporting is imperative for continued engagement by SAGES and sustainability of the program. Each site need to upload their data/outcomes for 4-6 months before and 6-18 months after the on-site course.



## WHAT ARE THE GOALS OF GLAP?

At the completion of our program, we want our attendees to achieve the following objectives:

1. The GLAP program will further develop attendees' Entrustable Professional Activities (EPA). Our program focuses primarily on the procedure laparoscopic cholecystectomy. We want our attendees to improve their "necessary knowledge, skills and attitudes to be trusted to *independently* perform" laparoscopic cholecystectomies.
2. The GLAP program focuses on developing Enduring Education. We want our attendees to develop the knowledge, skills and attitudes to create independent surgical education programs that improve surgeon-specific and patient-specific outcomes for minimally invasive operations. Throughout the week, we teach our attendees the principles of creating an educational environment for continued academic pursuits that involves a comprehensive and deliberate approach to education.
3. The GLAP program hopes to create habits of data collection and outcomes reporting such that patient safety and quality can become a habitual part of the attendee's health care systems.
4. It is the goal of SAGES to empower host countries such that they may continue with education and training of their faculty beyond our year-long partnership. As such, after a number of courses have been completed in the host nation and host faculty have shown continued engagement and success, SAGES will slowly transition to "hand-off" the course to local faculty. The local faculty can then independently run this training program for other regional sites.

With a world-wide pandemic affecting economies, travel, education, face-to-face education and training the Global Affairs Committee feels that the GLAP and the collective educational expertise that SAGES resources bring together is even more important. Thus, GAC will shift GLAP to a virtual component inclusive of lectures, educator working breakout sessions, telesimulation, and eventually for the more advanced sites, Telementoring.