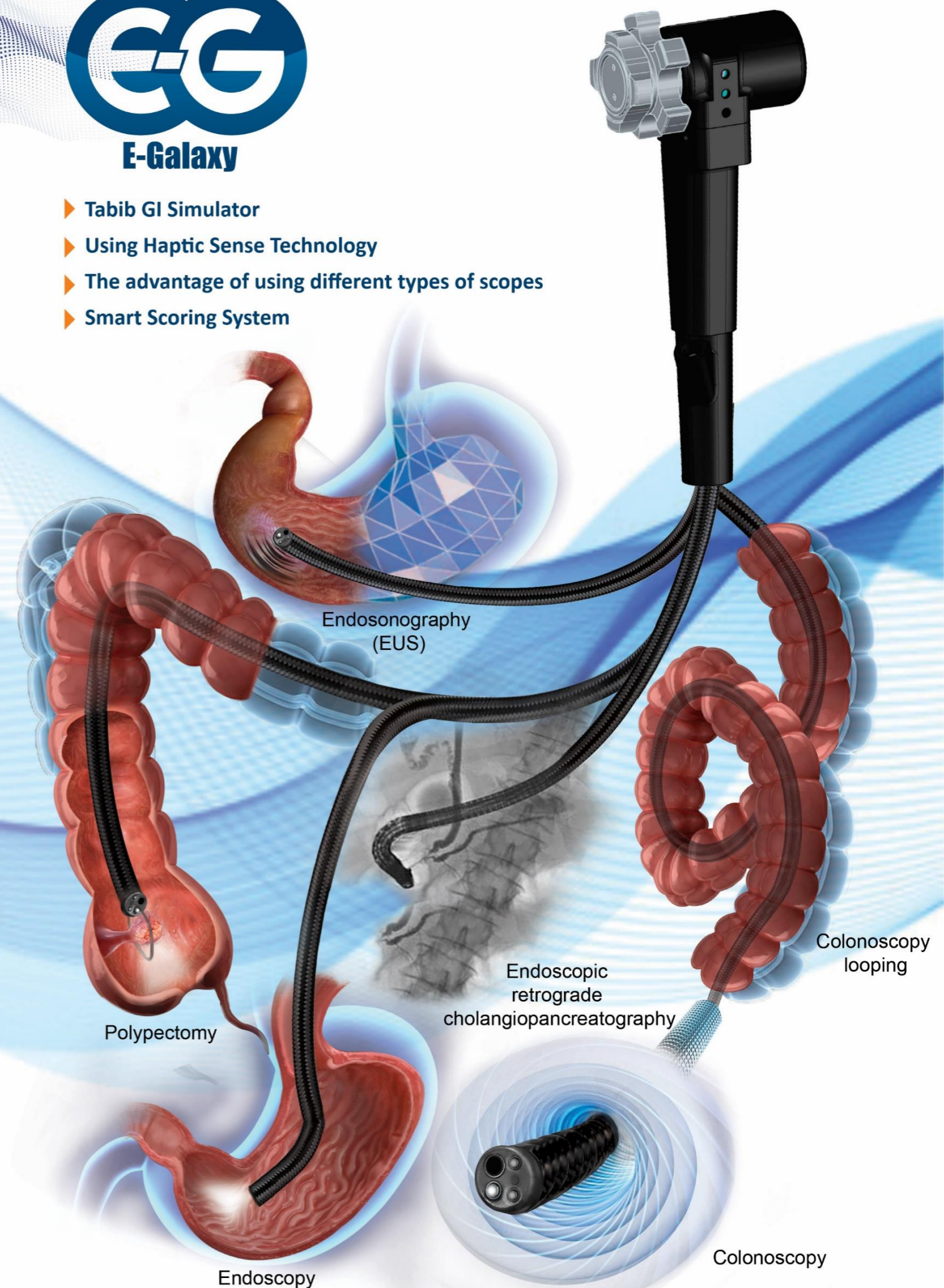




E-G
E-Galaxy Inc.& Ins



- ▶ Tabib GI Simulator
- ▶ Using Haptic Sense Technology
- ▶ The advantage of using different types of scopes
- ▶ Smart Scoring System



Headquarter



Shiraz Information Technology Incubator of Medical Sciences
Neshat .st / Shiraz / Iran



+987132332154
+989173051469
71348 - 74853

info@e-galaxyco.com
www.e-galaxyco.com



European branch



Nicka house 8 Sandbach Place, London SE18 7EX
/ London / UK

info@nickamed.com
www.nickamed.com



Basic Skills

In this section, the trainee is introduced to basic skills, moving the scoop, and practicing techniques for better visibility. In this section the trainee can get acquainted with the different scopes and the differences between them. It also improves the ability to move and perform endoscopic maneuvers and gastrointestinal mucosal examination.

The purpose of this section is to provide the trainee with a stress-free approach to the patient and [\(prevent\)](#) possible injury to the patient as well as possible damages to the scopes and also to practice basic skills to prepare for next processes.

Lower GI Endoscopy

In this section, the trainee is introduced to the whole colonoscopy process. The trainee must be able to accurately diagnose the lesions. The system will intelligently score the trainee based on the percentage of bowel observation, the amount of pain during the hypothetical process, the lesions, and the speed of the trainee.

And the trainee will have a detailed picture of the bowel's condition and precise location of the scope.



User Profiling

The system has three user groups: System Administrator, Student, and Professor. The system administrator is responsible for updating the system strategies (including adding new sections, new cases, launching new technology licenses), defining the master and student, linking them, and calibrating the system.

In this system all student activities are stored. The statistics and educational diagrams of the students are carefully examined. In the Professor section, the professor can observe the activities of his students, assign assignments for them, compare students and compare their progresses, and the results of student activities for the professors are texted.

