

EARLY EXPOSURE TO THE SOCIETY OF AMERICAN GASTROINTESTINAL AND ENDOSCOPIC SURGEONS (SAGES) VIDEO LIBRARY IN SURGERY RESIDENCY ENHANCES ETHICAL AND PROTOCOL-ORIENTED APPROACH TO MINIMALLY INVASIVE SURGERY

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INTRODUCTION

- Minimally invasive surgery (MIS) has become a cornerstone of modern surgical practice, demanding not only technical excellence but also strict adherence to standardized protocols and ethical conduct
- Surgical training programs often focus primarily on psychomotor skill development, while structured exposure to ethical frameworks and procedural guidelines may be inconsistent.
- The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) video library provides high-quality, peer-reviewed operative content encompassing technique, troubleshooting, and evidence-based standards.
- Introducing residents early to this resource may foster a more disciplined, protocol-driven, and ethically aware approach to MIS.

CONCLUSION

- Early structured exposure to peer-reviewed surgical video platforms enhances protocol awareness and ethical sensitivity in surgical trainees.
- Observing expert surgeons reinforces consistency, humility, and patient-centered surgical conduct.
- Incorporating high-quality educational video libraries such as SAGES into residency orientation can complement operative experience and promote lifelong learning.

METHODS

- Program:** Integration of the SAGES Video Library into a structured residency orientation program for first-year residents.
- Modules Included:**
 - Laparoscopic cholecystectomy
 - Ventral hernia repair
 - Anti-reflux surgery
 - Ethical decision-making in MIS
- Learning Framework:**
 - Early exposure – PGY-1 residents encouraged to review curated SAGES videos
 - Group discussions – faculty-moderated sessions analysing operative strategies
 - Debriefings – emphasis on protocol adherence and ethical dilemmas
 - Assessment – reflective discussions and performance evaluation
- Evaluation:**
 - Pre- and post-intervention surveys assessing protocol awareness and ethical decision-making
 - Faculty evaluation of operative preparation and intraoperative judgement
- Primary endpoints:**
 - awareness of standardized protocols
 - ability to identify ethical dilemmas,
 - seriousness of approach to patient safety

RESULTS

Parameter Assessed	Pre-Intervention (%)	Post-Intervention (%)	Improvement
Awareness of Surgical Protocols & Guidelines	54%	86%	+32%
Ability to Identify Ethical Dilemmas	31%	72%	+41%
Seriousness Toward Patient Safety	65%	92%	+27%
Checklist-Based Operative Planning	46%	82%	+36%

