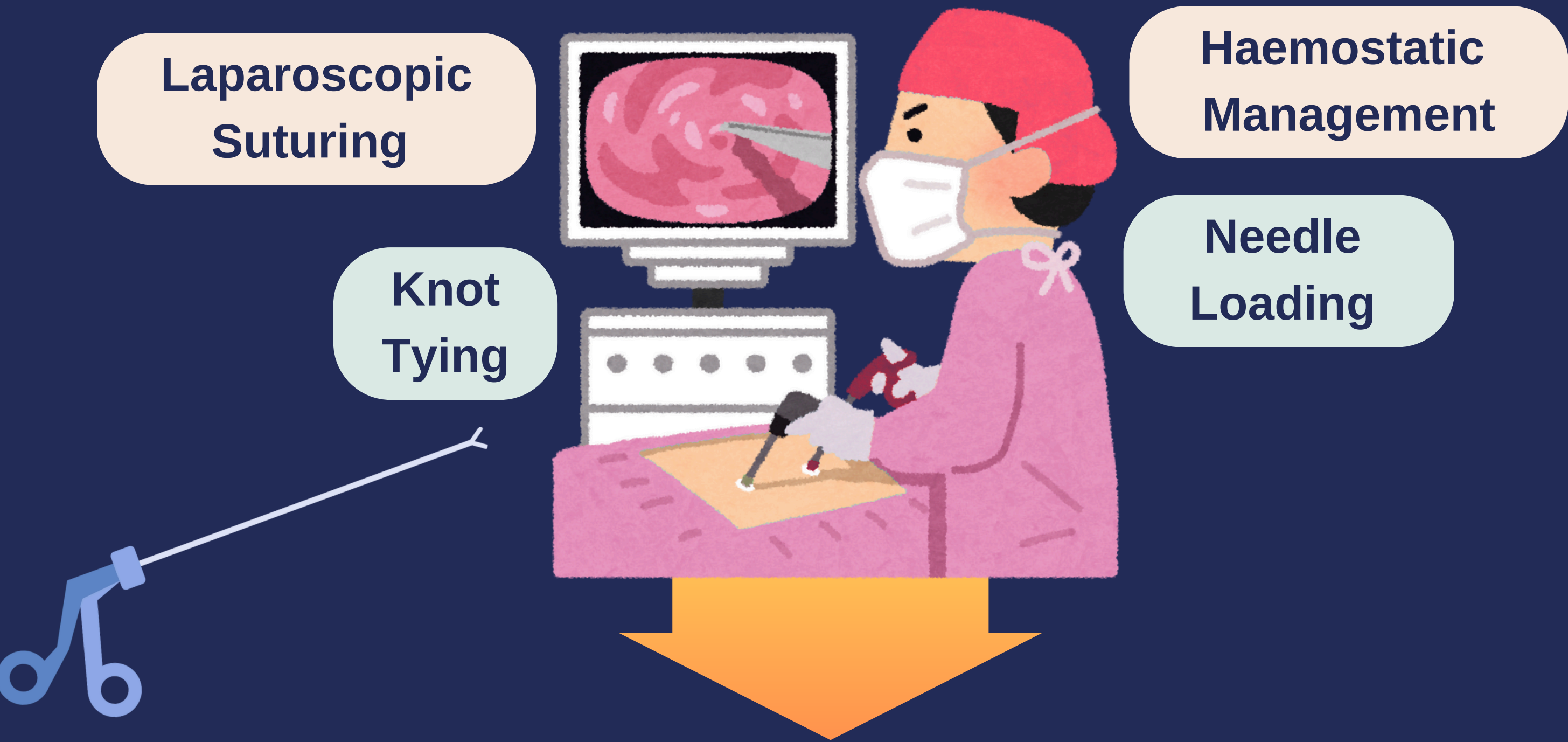


Objective

Minimally invasive surgical techniques are integral to modern gynaecological practice. Proficiency in key laparoscopic skills is can significantly improve patient outcomes.

Key Proficiency Skills



A skills focused laparoscopic course was developed to address documented gaps in these skills among gynaecology trainees.

Design

COURSE DESIGN

The course design integrated pre-course survey insights to ensure alignment with identified trainee needs.

SKILLS FOCUSED
LAPAROSCOPIC
COURSE DEVELOPED

A survey and feedback driven educational course focused on skills acquisition was developed.

FEEDBACK

Post-course evaluations were carried out to capture feedback on effectiveness of the skills focused course

Method

PRE-COURSE SURVEY (23 RESPONDENTS)

31% of Senior trainees felt competent in laparoscopic surgical skills.

0% of Junior trainees reported feelings of competency in laparoscopic skills.

23% of trainees reported to have received hands-on simulator experience.

ONE-DAY LAPAROSCOPICSUTURING COURSE TARGETING
CORE COMPETENCIES IS DEVELOPED

NEEDLE
LOADING

LAP
SUTURING

INTRA/EXTRACORPOREAL
KNOT TYING

SIMULATED
PRACTICE

Twenty five gynaecology trainees participated

Course featured four dedicated skills stations, short interactive lectures and small group hands on sessions under faculty supervision

Real time feedback and ample time to refine techniques

Post-training evaluations assess perceived improvements in skills & recommendations for future course

Results

Participants overwhelmingly rated the training day as 'excellent' or 'very good', prasing the practical hands-on approach and individualised teaching.

MOST USEFUL SKILLS

- NEEDLE MOUNTING/LOADING
- KNOT TYING (INTRACORPOREAL/ EXTRACORPOREAL)
- SIMULATOR BASED PRACTICE

CONFIDENCE & APPLICATION

Many reported feeling more prepared to handle intraoperative bleeding until senior support arrives and to progress from diagnostic to therapeutic procedures.

FUTURE COURSE REQUESTS

- Additional simulation stations
- Advanced knot-tying modules
- Extenses surgical models (e.g hysterectomy steps, cystectomy)

OVERALL SATISFACTION

Feedback highlighted desire for regular course offerings, shorter station times, pre-course materials to facilitate preparation and further emphasis on ergonomic considerations.

Conclusion

ENHANCED TRAINEE
CONFIDENCE AND
COMPETENCE

Our survey and feedback driven laparoscopic suturing course successfully addressed key training needs, enhancing trainees' confidence & competence in gynaecological laparoscopic skills.

PARTICIPANTS'
RECOMMENDATIONS

Shorter station times, pre-course instructional resources & advanced modules.

FUTURE MODEL

This targeted, hands-on approach serves as an effective model for improving laparoscopic proficiency in gynaecological training programs.