

UCSF Department of Surgery

Video-Based Feedback for Surgical Residents: A Technology Acceptance Measurement Study

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Background

- Feedback is an essential component of surgical training[1-3].
- Providing intra-operative feedback has become increasingly challenging.
- Video-based feedback (VBF) is an emerging, invaluable tool for development of surgical skills[4-7].

Purpose

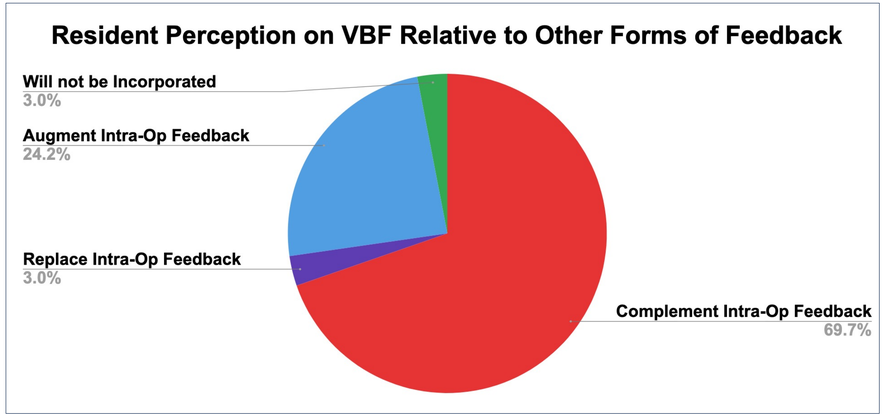
To understand the resident perspective on **key benefits and challenges** that could **support or hinder** implementation of VBF into surgical residencies, serving as a **pre-implementation phase.**

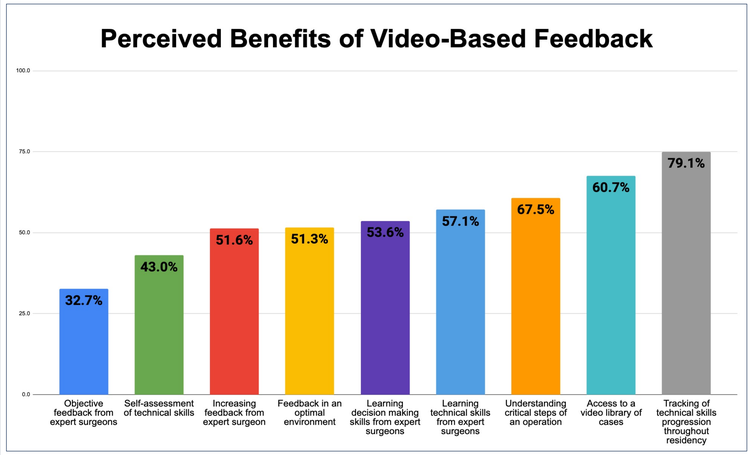
Methods

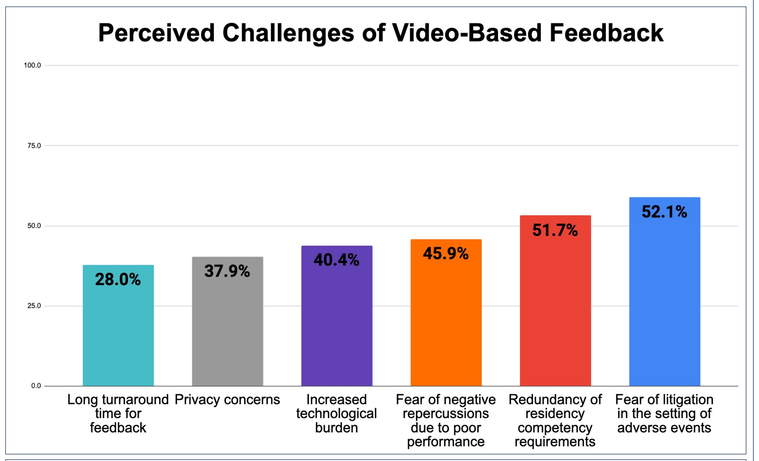
- Survey-based observational study
- Anonymous e-survey distributed among general surgery residents PGY1-7 at UCSF and UCSF East Bay.
- Survey consisted of resident demographics, perceived benefits and challenges of incorporating a VBF program into the general surgery residency.

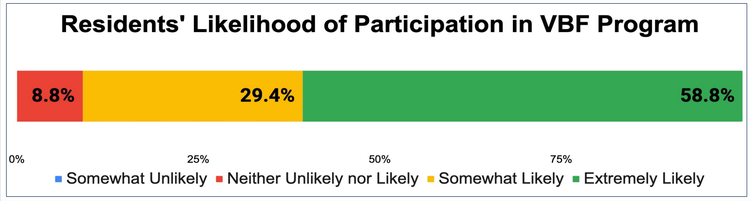
Results

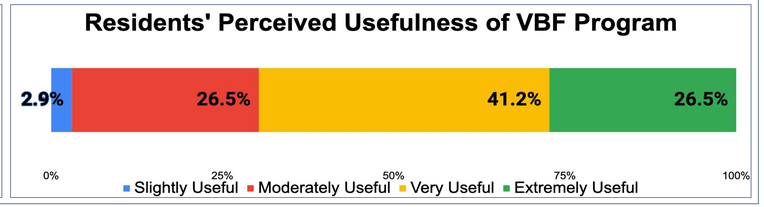
Response rate of 30% (N=35)











Discussion

- Asynchronous VBF is an invaluable tool in surgical technical skills feedback.
- There are many perceived benefits from resident perspective, and it complements current forms of feedback.
- Residency programs should address perceived challenges to ensure seamless incorporation of this powerful educational tool.

Future Direction

Future studies should focus on feasibility of incorporating an asynchronous VBF program from attending surgeon's perspective.

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Disclosures

The authors have no disclosures to report.

References

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