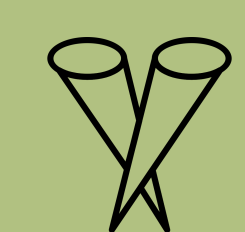


A Deconstructed Task List for Teaching Endoscopic Management of Non-Varriceal Upper Gastrointestinal Bleeding

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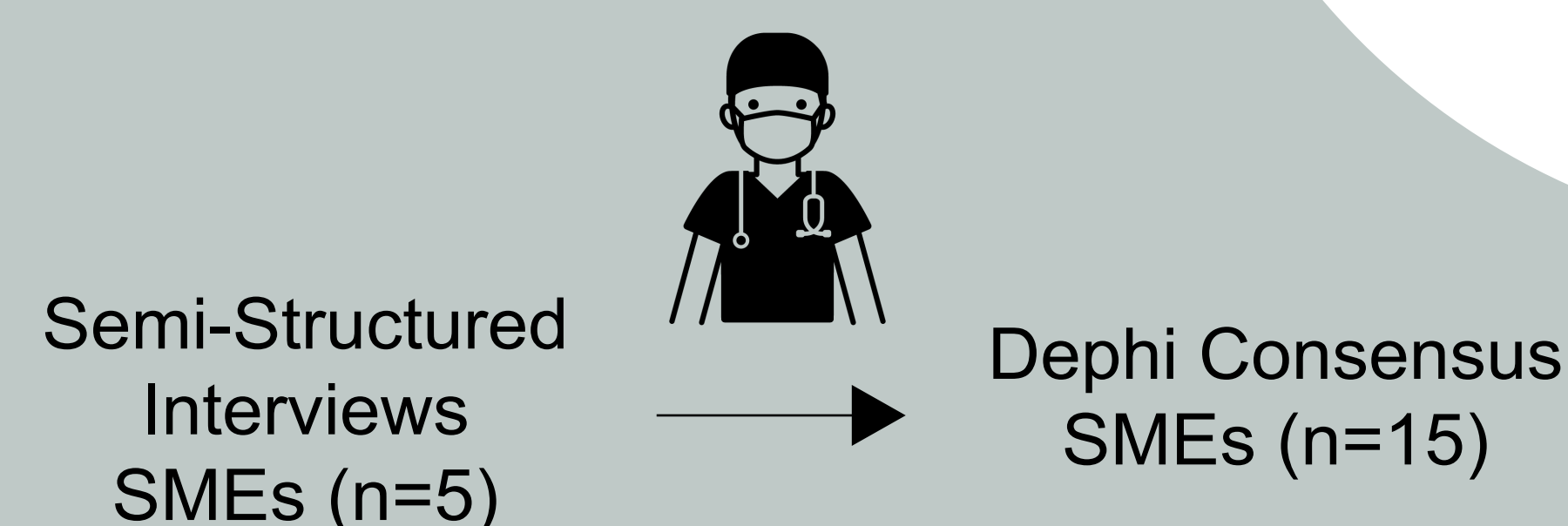


Introduction

Published needs analyses of rural surgeons demonstrate a desire for more advanced training in flexible endoscopy, particularly for the management of non-variceal upper gastrointestinal bleeding (NVUGIB). In order to create effective training programs and develop simulation platforms to teach these advanced procedures, a credible deconstructed task list is required.



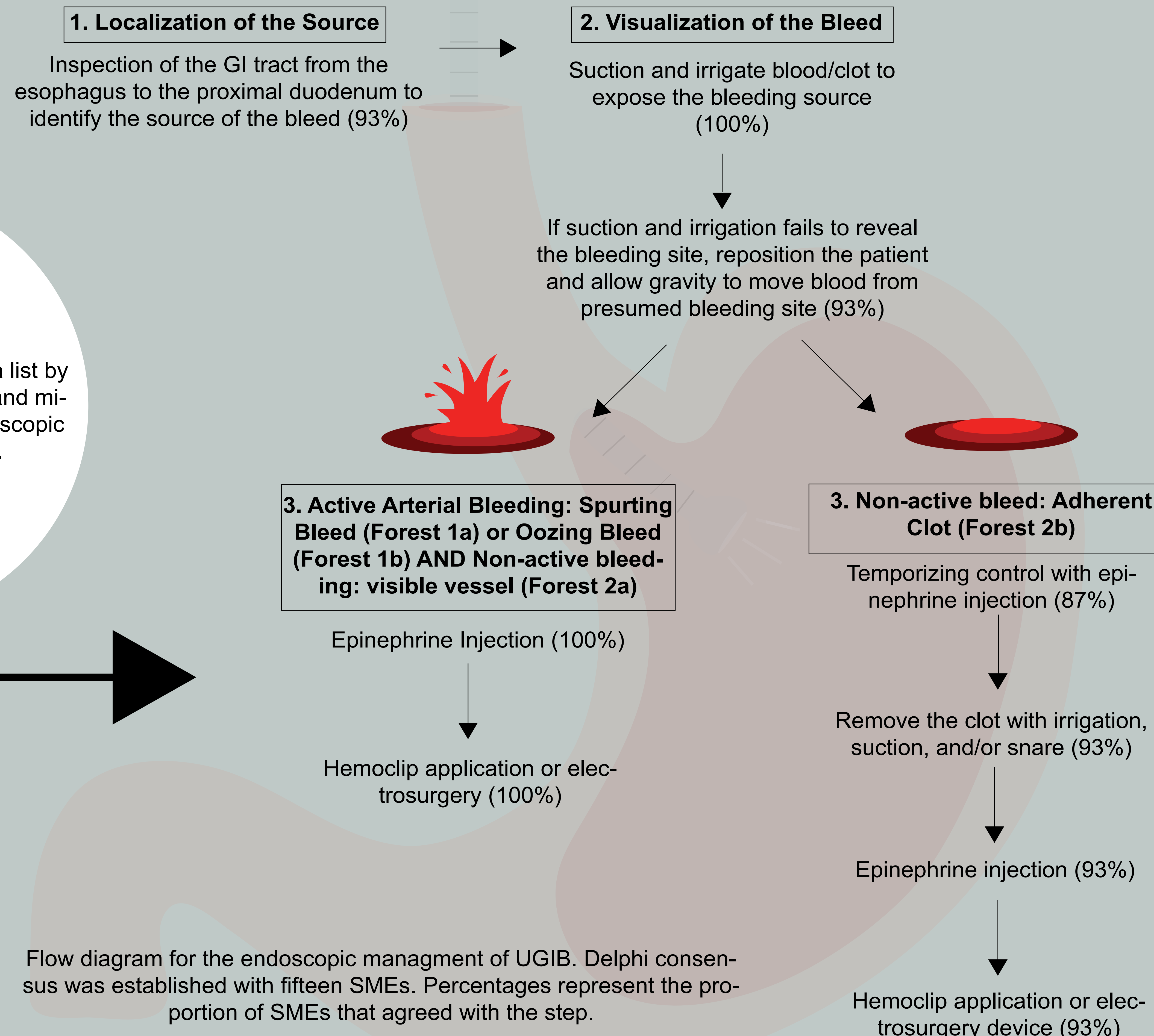
Methods



Two sets of subject matter experts (SMEs) were used for the study, all in active clinical practice and fellowship-trained in endoscopy. The first set of SMEs (n=4 surgeons; n=1 gastroenterologist) participated in semi-structured interviews examining the procedural steps and micro-skills for the endoscopic management of NVUGIB. Common steps and micro-skill themes were extracted and arranged into a deconstructed task list. This deconstructed task list was sent electronically via REDCAP to a second set of SMEs (n = 2 surgeons; n = 13 gastroenterologists) and the Delphi method used to gain consensus. One round of the Delphi method was required to reach > 80% consensus for

Aim

This study aims to create such a list by identifying the procedural steps and micro-skills necessary for the endoscopic management of NVUGIB.



Conclusion

Consensus management on procedural steps and micro-skills for the endoscopic management of NVUGIB was reached among 20 SMEs with >85% concordance. This deconstructed task list will be used to develop a simulation platform for training in the endoscopic management of NVUGIBs that meet rural surgeons' needs.



Future Direction

Our prior study identified a need for advanced NVUGIB endoscopy training in rural surgeons. In addition, our scoping review identified four available simulation models that were all limited by cost, personal, and facilities. Our future studies will use the microskills identified in the deconstructed task list to develop a low cost and portable NVUGIB simulation model that is easily accessible to endoscopists in the rural community.



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