

Tilmelding af Foredrag

Foredragets titel

The Sheep Head as a Model for Endoscopic Sinonasal Surgery Training in Denmark

Forfatter(e)

A. Ryberg, A. Niazi, M. Papesch

Afdeling/praksis

Dept. of Otorhinolaryngology and Maxillofacial Surgery
Zealand University Hospital, Køge, Denmark

Uddannelsesniveau

?

Introduktion

This study reports the results from the first Danish simulation-based training course in endoscopic sinus surgery using the sheep head model. Otolaryngology trainees and experienced surgeons evaluated the model for the acquirement of skills in endoscopic sinus surgery.

Materiale/metode

Five experienced sinonasal surgeons and 20 otolaryngology trainees participated in this survey-based research study. Participants performed seven endoscopic rhinological procedures using human endoscopic surgical instruments on sheep heads and evaluated the model by answering a 20-item questionnaire using a 5-point Likert scale across 4 domains.

Resultater

Both test groups rated the model very highly. Overall evaluation of three of four domains achieved a median rating of 5 and one domain a median rating of 4. Both test groups rated the model as highly recommendable and felt that skills acquired during the exercises were transferable to the operating room.

Diskussion

Although further research is necessary to validate the usefulness of the model as a supplement to traditional surgical training, it is the authors' opinion that simulation-based training of endoscopic sinus surgery using the sheep's head model is a highly valuable supplement to traditional and existing training models, providing an early access, safe training environment for endoscopic sinus surgery, ideal for trainee surgeons. The model is readily available and low cost with highly realistic anatomy, tissue quality and instrument handling.

Unavngivet

- Ønsker kun præsentation af poster

Forfatters fulde navn

Alexander Christian Ryberg

Forfatters email

alexanderryberg@gmail.com