

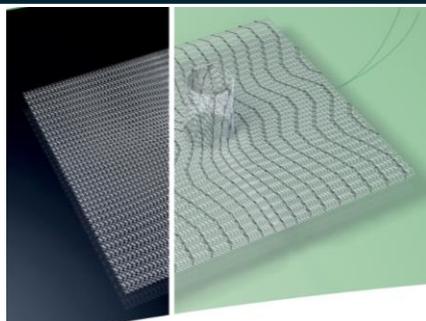
EHS202500080: Short-term outcomes of parastomal hernia repair with 3DFunnel-mesh: a retrospective single-centre study

Aiswarya SUKUMAR¹, Oliver DAVIES¹, Patryk CHLOPAS¹, Neil SMART¹, Rishabh SEHGAL¹, Elena SCHEMBARI¹

¹Department Of Colorectal Surgery, Royal Devon And Exeter Hospital, Exeter, UK

Aim

Development of parastomal hernia (PSH) is common after stoma formation and associated with poor quality of life. We report our unit's short-term experience of PSH repair with 3D Funnel mesh (1).



Materials and Methods

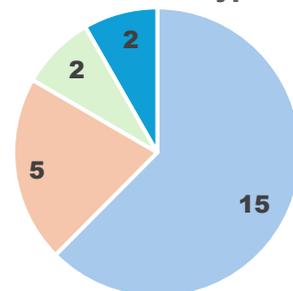
- **Retrospective single-centre** review of electronic records
- **Inclusion criteria:** patients who underwent PSH repair with 3DFunnel-mesh between 2022 and 2024.
- **Parameters:** demographic, peri- and post-op hernia characteristics. 30-day post-operative complications were recorded.

Results

Patient demographics

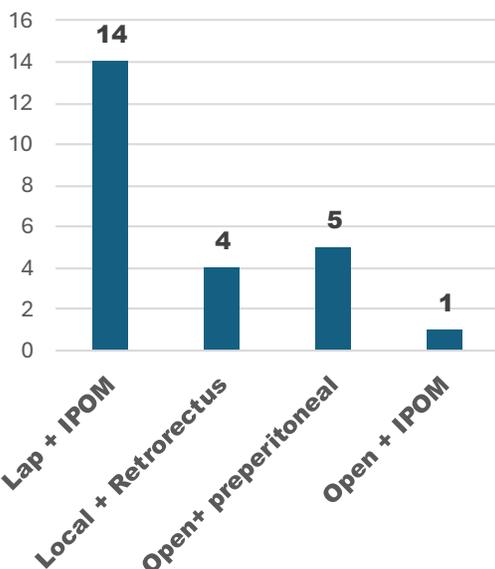
Gender (N=24)	Male 8	Female 16		
Median age (range: 34-85)	62			
Previous PSH repairs	15			
Median length of stay (range: 1-18)	8.5			
Co-morbidities	Non-smoker 23	Non-diabetic 21		
Clavien-Dindo ≥3	ITU for urosepsis 1	Return to theatre 2		
PSH classification	I 11	II 1	III 7	IV 5

Stoma types



- Colostomy (C)
- Ileostomy (I)
- Ileal conduit
- C + I

Repairs



Conclusion

- 3D Funnel-mesh is safe with minimal peri- and postoperative sequelae
- Acceptable for preserving surgical planes

References

1) DynaMesh@-IPST: <https://en.dyna-mesh.com/dynamesh-ipst-gb/>