COMPARATIVE STUDY BETWEEN BOTTOMS UP VERSUS TOP DOWN TRANSVERSE ABDOMINIS RELEASE IN VENTRAL HERNIA SURGERY.

INTRODUCTION

- Component separation technique becomes one of the main armamentariums of any laparoscopic surgeon when he thinks of doing large and complicated ventral hernias, be it open or laparoscopic.
- If done in a right way TAR is helpful to approximate peritoneum in large defects.
- There are two types of TAR, top down approach and bottoms up approach.
- Each procedure has its own advantages and disadvantages

METHODS

A comparative study of early outcomes after TAR was conducted for ventral hernia patients who required TAR for defect ranging between 4 to 12cm between February 2023 to January 2024.

RESULTS

Category	Data
Total TAR Procedures	23
Open Surgery	7
Laparoscopic eTEP RS with TAR	16
Unilateral TAR	12
Bilateral TAR	11
Top Down TAR	14
Bottoms Up TAR	20

Category	Top Down TAR (14)	Bottoms Up TAR (20)
Peritoneal Button Hole	10 patients	4 patients
Bleeding	1 patient (oozy bloody field)	3 patients (oozy bloody field)
Bowel Injury	0	0
Seroma	0	1 patient

CONCLUSION

- Its very difficult to say on initial results about which method of TAR is better over other method.
- But to avoid peritoneal button holing, bottoms up TAR is more helpful.

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