

GENDER DISPARITIES IN LAPAROSCOPIC eTEP-RS WITH TAR- IS TAR LESS COMMON IN FEMALES

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INTRODUCTION

- Though ventral hernias are more common in females as compared to males, nearly more than 60% of ventral hernia surgeries are performed on males in our institute.
- Females have more chances of developing incisional hernia as compared to males.
- Also females develop more complications in ventral hernia surgery as compared to males.
- This is due to higher BMI and different fat distribution in females as compared to males
- Despite the statistics, we observed TAR procedure was more commonly performed in males

AIM

To evaluate whether TAR (Transversus Abdominis Release) procedure in laparoscopic hernia (eTEP) surgery is less common in females as compared to males

METHODS

- Type of study: Retrospective Observational study
- Inclusion criteria: Males and Females undergoing eTEP RS with TAR.
- Exclusion criteria: Patients not fit for general anaesthesia, pregnant females
- Study duration: 12 months
- Study setting: Tertiary health care centre

RESULTS

			TAR		Total
			No	Yes	
Gender	Female	Count	25	6	31
		% within Gender	80.6%	19.4%	100.0%
	Male	Count	27	22	49
		% within Gender	55.1%	44.9%	100.0%
Total		Count	52	28	80
		% within Gender	65.0%	35.0%	100.0%

Chi-Square Tests			
	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.473 ^a	2	.065
Likelihood Ratio	5.751	2	.056
N of Valid Cases	80		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.04.

CONCLUSION

- In our study male ventral hernia surgeries were associated with more TAR procedures than females
- This may be due to lax peritoneum, more fat and low muscle tone in females which makes peritoneal closure easier.
- Males in contrast, have more fibrotic less fatty layer over peritoneum

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