



# CHARACTERIZATION OF PATIENTS UNDERGOING SLEEVE GASTRECTOMY COMPLICATED WITH LEAKAGE IN THE LAST 17 YEARS IN A SUBGROUP OF PATIENTS FROM CONCEPCIÓN, CHILE.



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**I have no potential conflict of interest to report**

## INTRODUCTION



74.2% OVERWEIGHT

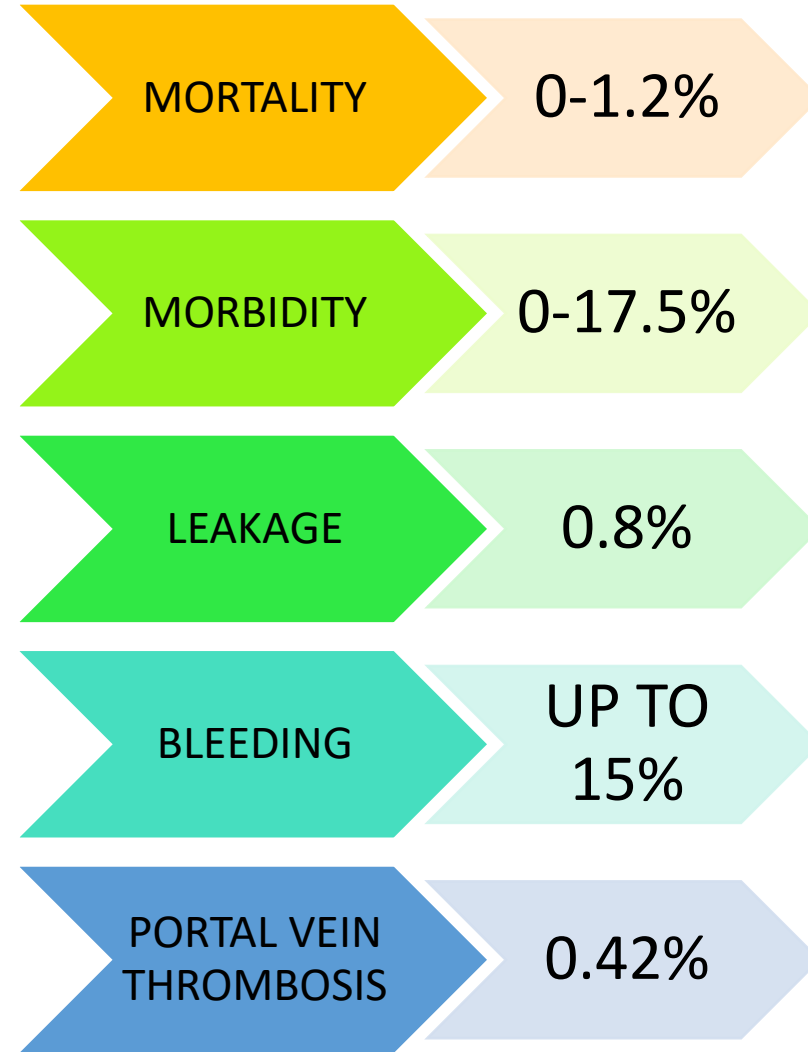
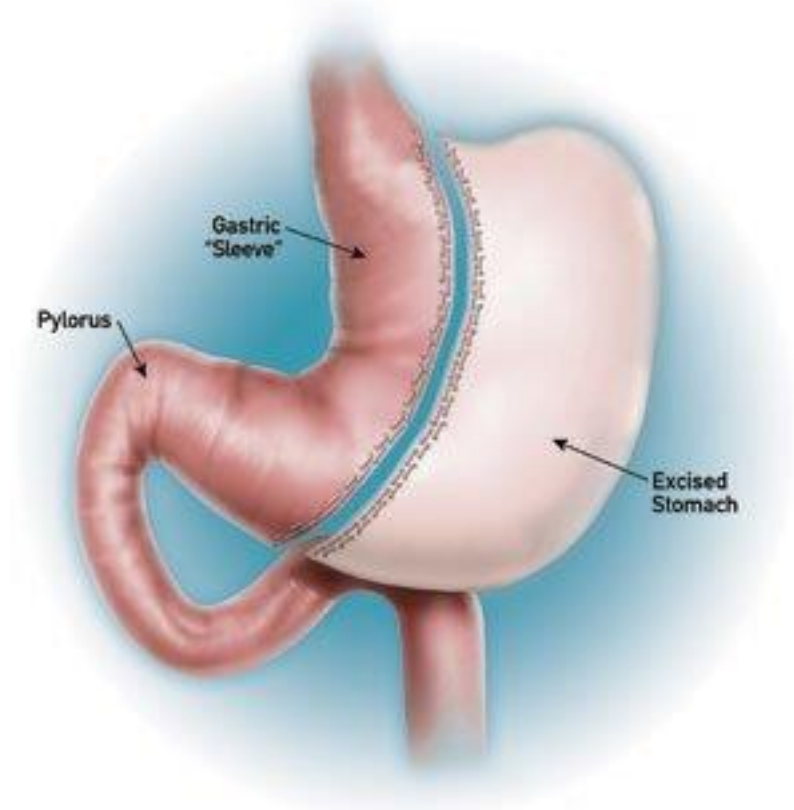
35% OBESITY

3.2% SEVERE  
OBESITY

30.000  
BARIATRIC  
PROCEDURES

[https://redsalud.ssmso.cl/wp-content/uploads/2018/02/2-Resultados-ENS\\_MINSAL\\_31\\_01\\_2018-ilovepdf-compressed.pdf](https://redsalud.ssmso.cl/wp-content/uploads/2018/02/2-Resultados-ENS_MINSAL_31_01_2018-ilovepdf-compressed.pdf)

# INTRODUCTION

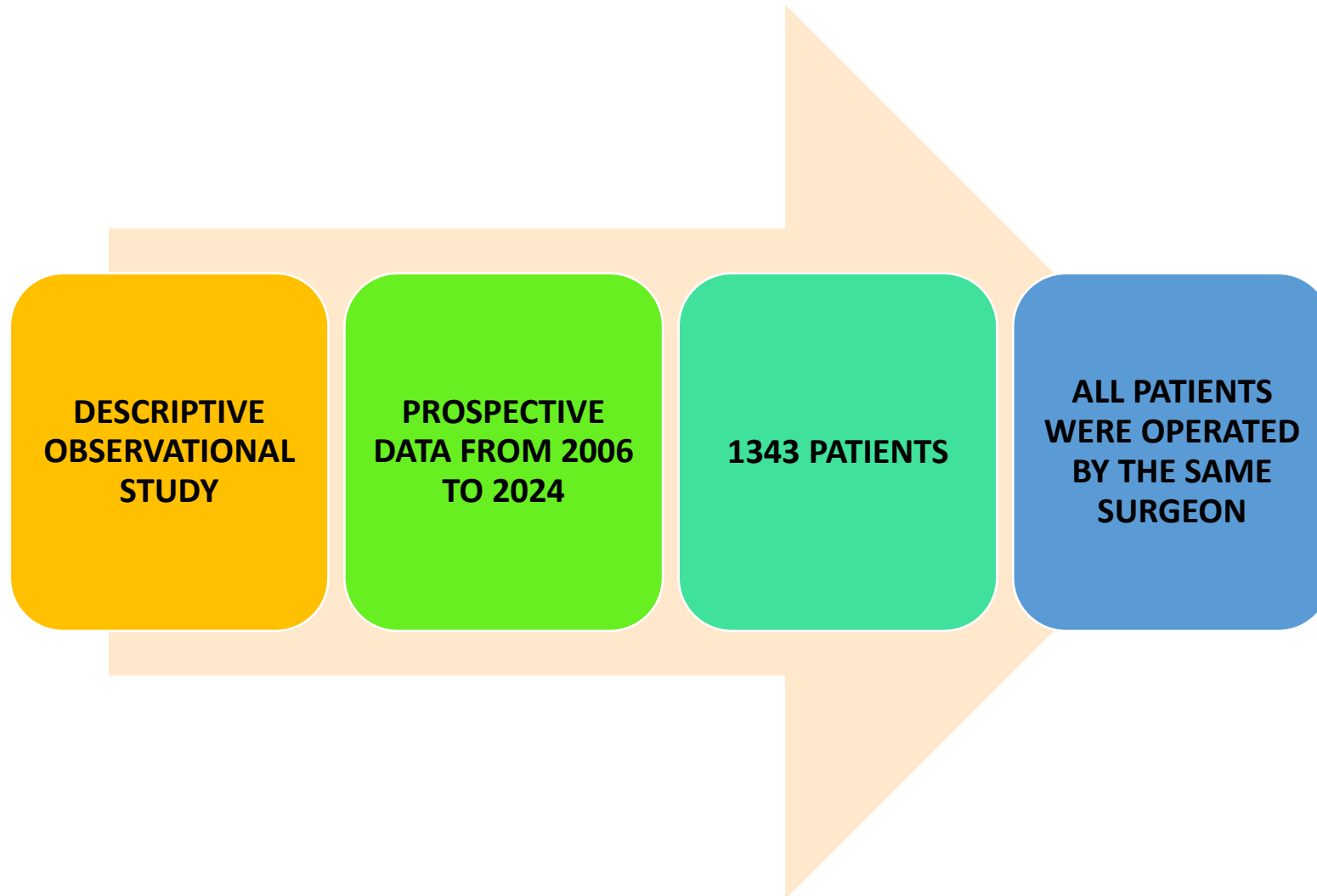


J Am Coll Surg. 2018;227(1):135. Epub 2018 Mar 30  
Surg Endosc. 2012 Jun;26(6):1509-15. Epub 2011 Dec 17.

## OBJECTIVE

To characterize patients undergoing sleeve gastrectomy complicated with leakage in the last 17 years, in a subgroup of patients from Concepción.

# MATERIALS



# RESULTS

## Age

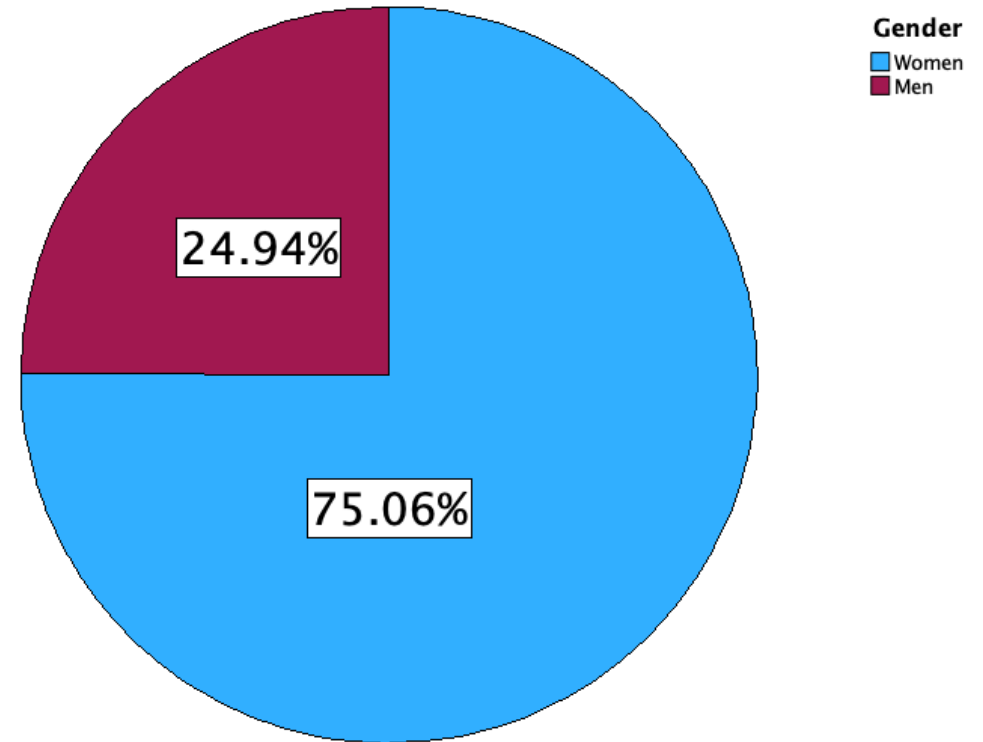
34.6 years

SD 9.61

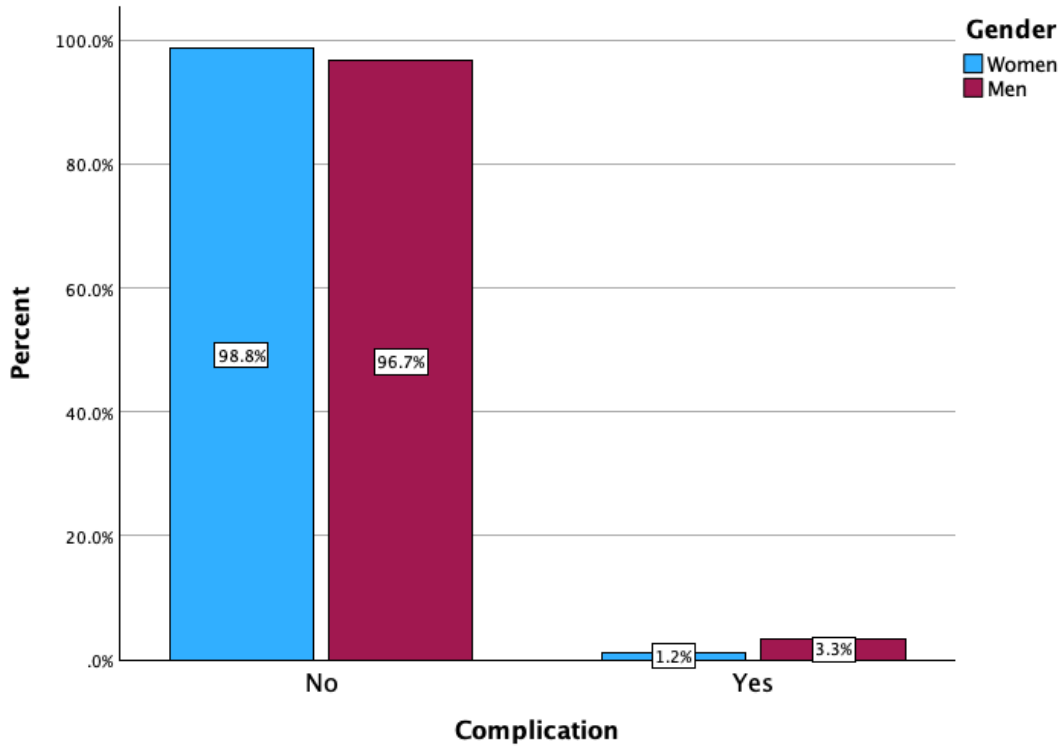
## BMI

37.06  
kg/m<sup>2</sup>

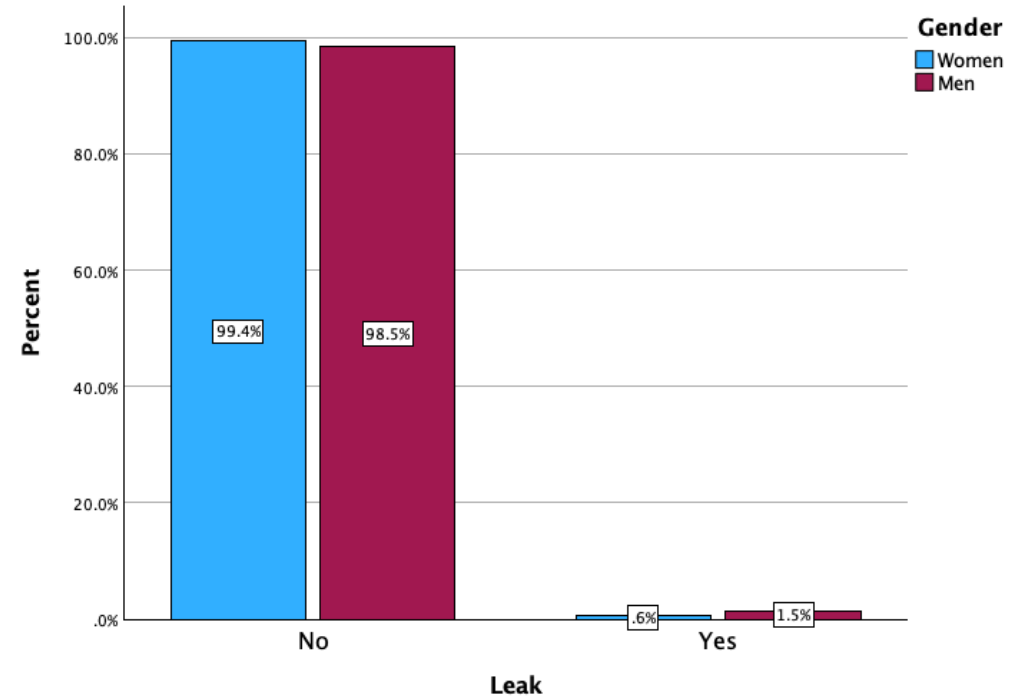
SD 3.96



## COMPLICATIONS



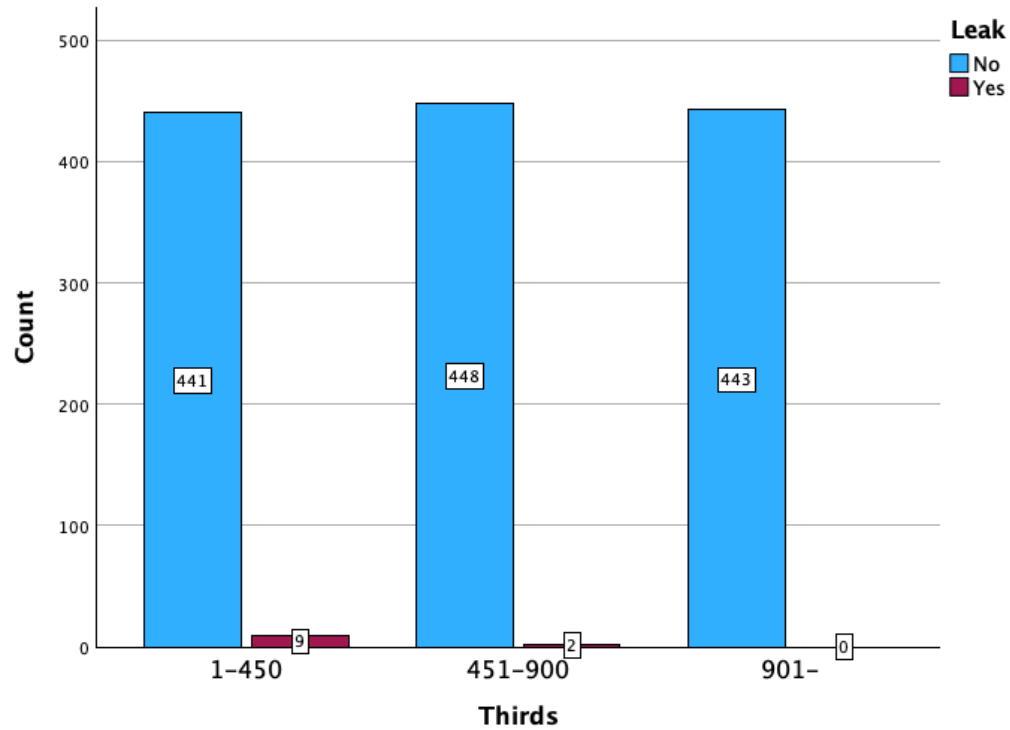
23 overall complications were reported (1.7%), with 12 in women (1.2%) and 11 in men (3.3%), **p=0.011**.



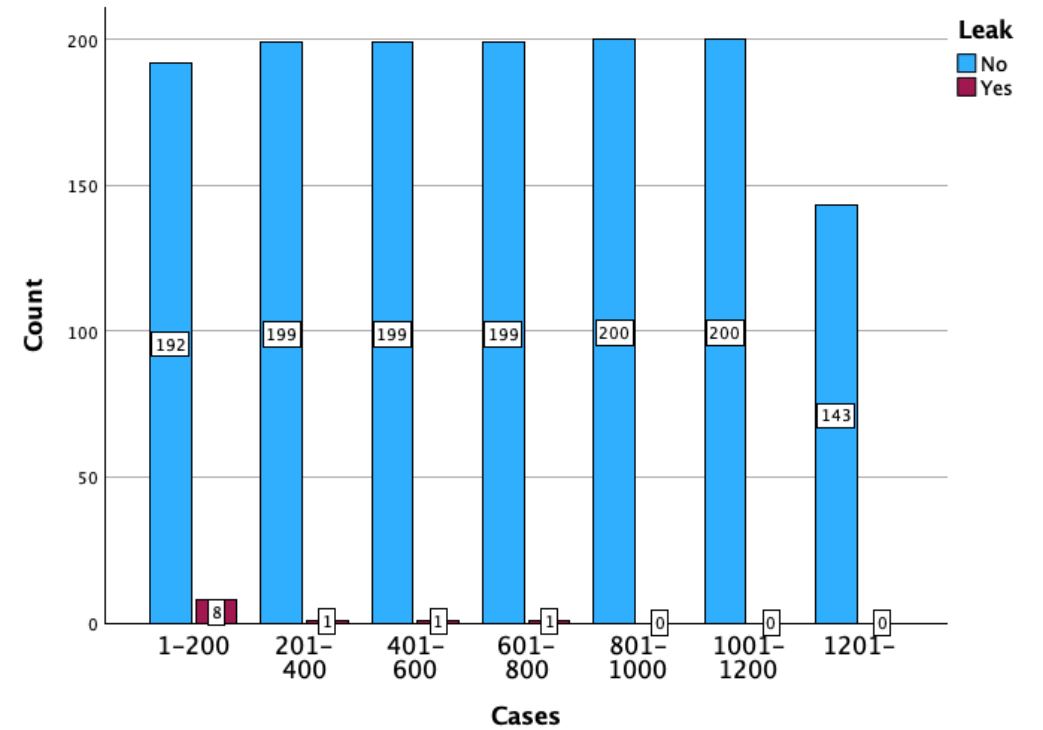
11 patients reported staple line leakage (0.8% overall), 6 in women (0.6% of the total) and 5 in men (1.5%), **p=0.114**.



# LEAKAGE



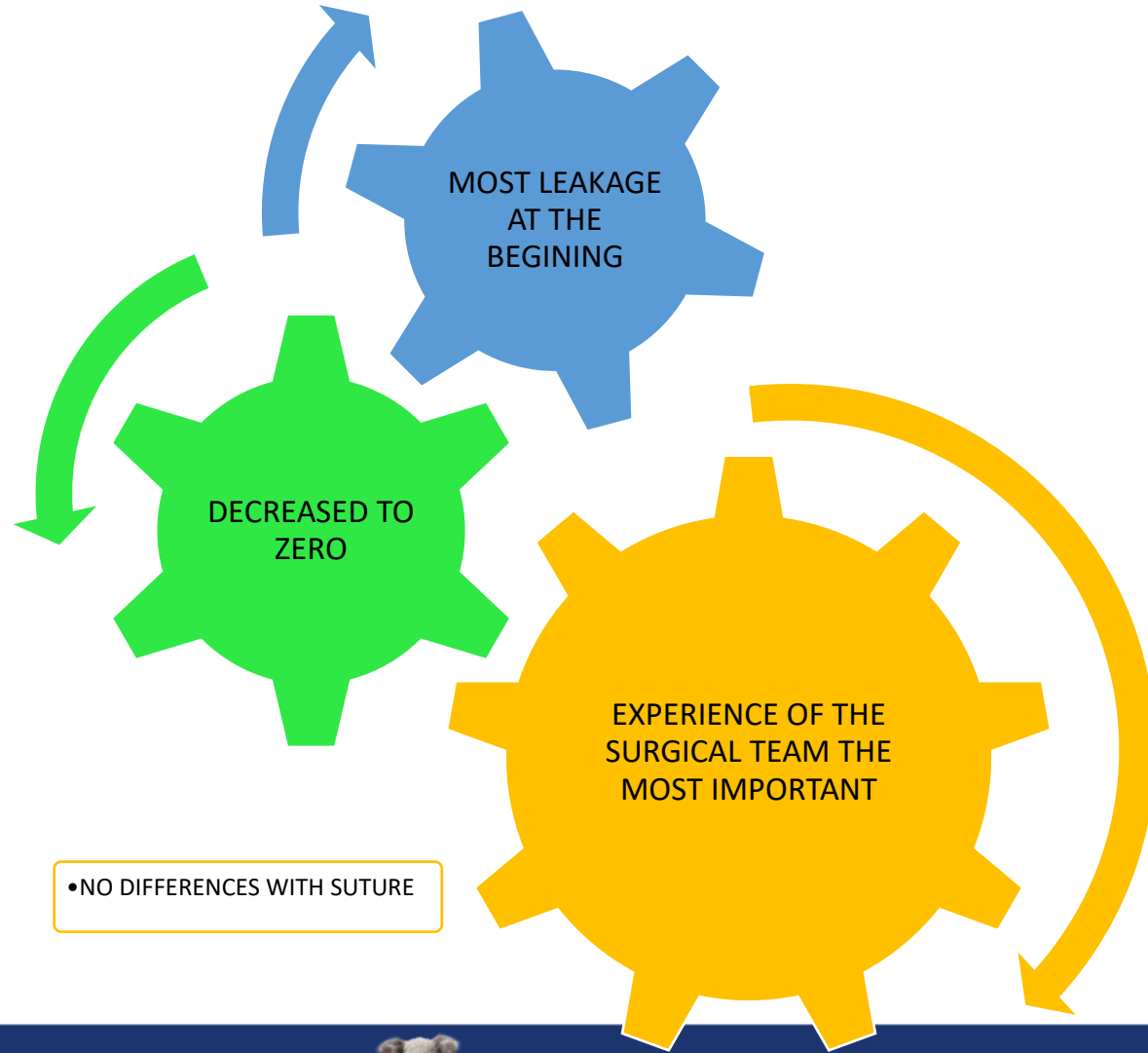
81.8% were reported in the first third of patients operated, 18.2% in the second third, and none in the last,  $p=0.002$ .



72.7% of leakages occurred in the first 200 cases, with no new events reported in the last 600 patients,  $p=0.001$ .

There were no differences in leakage when sleeve gastrectomy was associated with other procedures such as cholecystectomy, hiatal or abdominal hernioplasty,  $p=0.560$

# CONCLUSIONS



## CONCLUSION

Moving away the His



No reinforcement in  
the last 600 cases



Careful with 2 first  
staples



Careful when dissect  
the GE junction



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