



# Background- Aim



The aim of this study is to report our experience in **managing postoperative gastric fistula** after sleeve or bypass during the last 5 years

# Method

From January 2018 to January 2023, 2832 patients were operated at the CSO Lyon Sauvegarde with 2242 sleeve and 587 bypass by 3 BS

↳ 24 patients were treated for a postoperative gastric fistula after sleeve or bypass

Have been studied : number of patients transferred from another center, the time of onset of the fistula, the time to management, the treatment modalities, the duration of hospitalization, healing duration

# Results

**24 patients**

*from January 2018 to January 2023*

- 87.5% fistulas after SG (21/24)
- 8/24 (33%) referred from another center



- Mean time between surgery and fistula 9 days (1-45)
- Mean time between diagnosis and transfer to our center 7 days (0-21)

**In all cases : artificial nutrition with pic line 23/24 mean duration 2,6 months (0-8)**

# Results

24 patients

from January 2018 to January 2023

Endoscopic internal drainage (pigtail)  
87.5% :

- with laparoscopy : 75%
- endoscopy alone : 12,5%

Laparoscopic  
drainage and suture  
only  
12.5%

## Focus - Endoscopic procedures :

- Endoscopic procedure realized by :  
surgeons 66% , gastroenterologist 33%
- Average time between diagnosis of fistula and  
placement of the drain : 4 days (0-12)
- 16/21 (76%) between 0 and 2 endoscopic  
procedures
- 5/21 (24%) needed 3 or + endoscopic procedures
- Spontaneous evacuation of the pigtail (38%) 8/21
- Mean time between endoscopic drain placement  
and removal 5 months

In all cases, the files of these patients were regularly discussed in multidisciplinary team meetings including the gastroenterologists.



# Conclusion



Early management of gastric fistula by an experienced surgical team trained in endoscopy allows an optimal treatment

With in the most favorable cases experiencing :

- fewer interventional procedures,
- a shorter hospital stay (*average length of hospital stay 22,3 days (3-75)*)
- and a quicker healing time (*mean healing time 2 months (1-8)*)