What Do We Do With EGJOO When it is Not Achalasia or a Large Hiatal Hernia?

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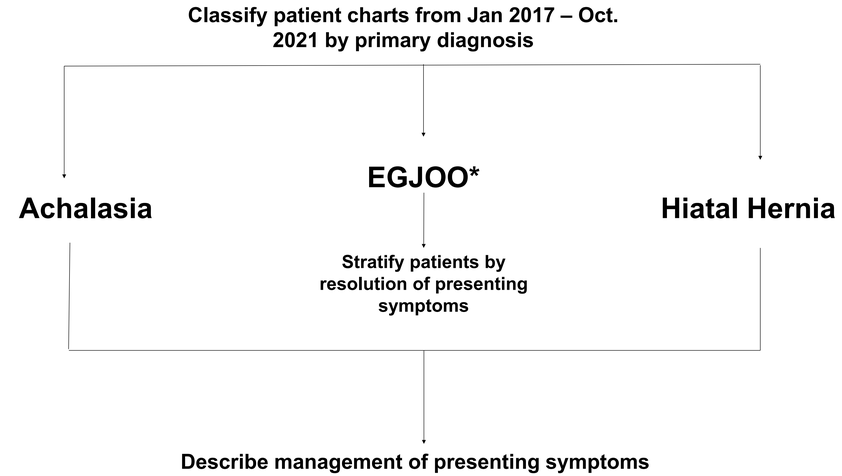
Introduction

- **Esophagogastric Outflow Obstruction (EGJOO) is an uncommon disorder of esophageal motility characterized by elevated integrated relaxation pressure with intact or weak peristalsis**
- **Management of EGJOO is not well described in the current literature unless associated with achalasia or hiatal hernia**
- **Aim: To identify manometric predictors of outcomes of EGJOO management strategies and retrospectively review management strategies.**

Methods



*Inital screening used primary diagnoses from Chicago Classification version 3

Results

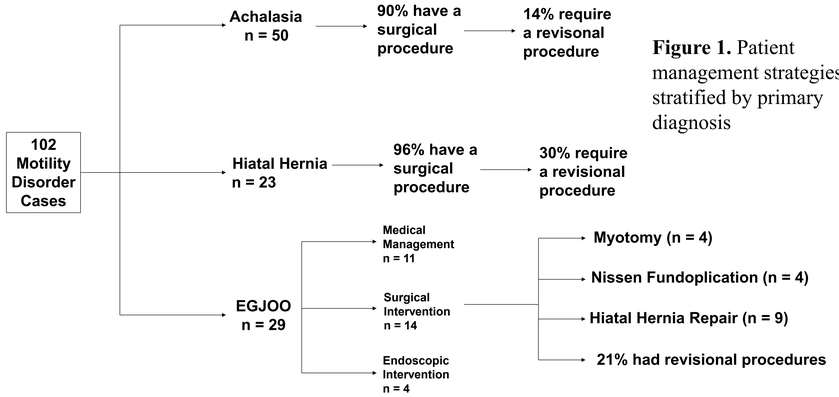


Figure 1. Patient management strategies stratified by primary diagnosis

Table 1. Presenting symptoms stratified by treatment modality

EGJOO SYMPTOM PRESENTATION					
TREATMENT MODALITY	Heartburn	Dysphagia	Regurgitaiton	Cough	Pain
Medical	3	4	2	2	3
Endoscopic	9	7	2	2	7
Surgical	10	8	7	2	4

Table 2. Symptom resolution for EGJOO patients diagnosed under Chicago Classification version 3 by treatment modality (2 patients were lost to follow up)

EGJOO SYMPTOM RESOLUTION			
TREATMENT MODALITY	Persistent	Improved	Resolved
SURGICAL	1	8	3
ENDOSCOPIC	1	3	0
MEDICAL	4	5	2

Highlights

- **Patients who underwent surgical management had similar resolution/improvement rates to endoscopic and medical management**
- **Symptom resolution was achieved at least half the time across presentation, with acid regurgitation being the most responsive symptom**

Symptom Status	Treatment Modality	LESP	Median IRP	DEA
Persistent	Endoscopic	28	7	182
	Medical	31.5	16.3	102.0
	Surgical	9.0	22	82
Resolved/ Improved	Endoscopic	27.33	18.00	99.00
	Medical	30.18	14.18	115.36
	Surgical	33.54	19.64	123.29

Table 3. Manometric presentation of patients by modality, intervention severity escalated with increasing LESP and IRP in treatment responsive patients

Conclusion

- **Unassociated EGJOO patients resemble those with primary diagnoses of other motility disorders, and surgical patients see symptom resolution rates similar to those of patients managed medically or endoscopically**
- **More patients in the EGJOO group were treated with hiatal hernia repair than myotomy**
- **Manometric findings do not predict success with any of the intervention strategies.**
- **For this disease, clinical judgement remains the mainstay for successful outcomes**