



# Scholar Teams Celebrated at Geriatric Quality Symposium

L to R: Ashlei Weiss, RN; Emily Vance, Pharm. D, Tamicka Jones, RN; Valerie Snow, RN; Don Cagle, RN



Published in the *Journal of Thoracic and Cardiovascular Surgery*

Can earlier intervention for Mitral Valve Regurgitation prevent Left Ventricular decline after surgery?

**Louis J. Dell'Italia, MD**  
*Cardiovascular Disease*



# Medical Students Rave about Dr. Kumar

Surveys show this renal module educator is setting the standard for excellence in teaching!

**Vineeta Kumar, MD**  
*Nephrology*



UAB MEDICINE  
Knowledge that will change your world

# Is "Low Risk" Worth The Risk?

## Gastric Balloon Causing Obstruction and Aspiration leading to ECMO

Charlie Weldon MD, Jordan Orr MD, Mohamed Shoreibah MD, Adam Edwards MD, MSc, Chad Burski MD, Ali Ahmed MD  
Tinsley Harrison Internal Medicine Program and Division of Gastroenterology and Hepatology  
University of Alabama Birmingham



### Learning Objectives

- Learn about non-surgical and non-pharmaceutical methods used in weight loss
- Understand potential complications that can occur from these "routine" procedures
- Understand management of complications

### Disease Course

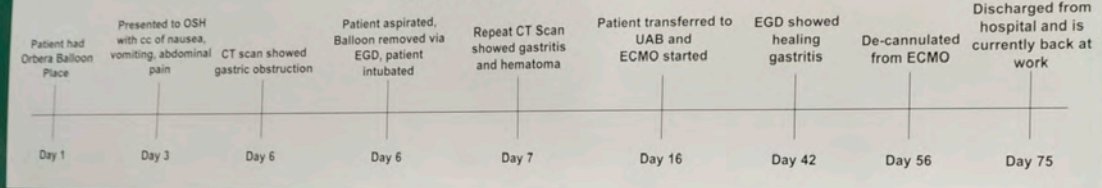


Figure 1: Cartoon representation of saline filled Orbera Balloon in stomach after endoscopic placement

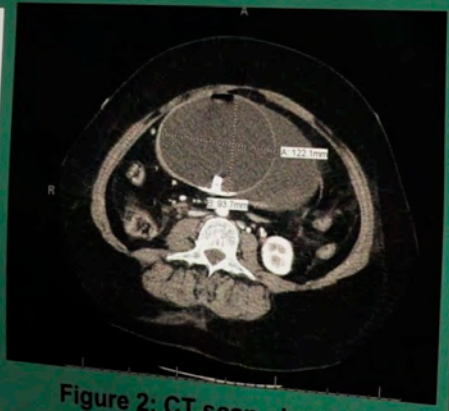


Figure 2: CT scan showing migration of balloon and high volume of gastric contents



Figure 3: Mucosa of the stomach with fresh blood, edema, ulcerations, and eschar from pressure necrosis

### Orbera Balloon

- Orbera Balloon FDA approved in 2015
- Silicone balloon implanted in the stomach, filled with saline, and left in place for 6 - 12 months
- Side effects include nausea, vomiting, bowel obstruction (0.8%), and gastric perforation (0.1%)

### Management of Complication

- Removal of balloon via EGD is most important step
- Removal is performed using specific tools through biopsy channel of the endoscope and aspiration
- Monitoring stool and NG aspirate for blood to evaluate for any bleed

### Take Home Points

- Endoscopic balloons are marketed as a "low cost, low risk, quick procedure"
- In patients with continued abdominal symptoms early imaging is beneficial to identify potential obstructive complications
- Due to obstruction risk 2/2 endoscopic balloons elective intubation prior to EGD removal might be beneficial to lower risk of aspiration

### References

- Kumar N. Weight loss endoscopy: Development, applications, and current status. *World Journal of Gastroenterology*. 2016;22(31):7069-7079. doi:10.3748/wjg.v22.i31.7069
- Elder KA, Wolfe BM. Bariatric surgery: a review of new techniques. *World Journal of Gastroenterology*. 2016;22(31):7080-7089. doi:10.3748/wjg.v22.i31.7080
- Al Shammari M, et al. Bariatric surgery: a review of new techniques. *World Journal of Gastroenterology*. 2016;22(31):7080-7089. doi:10.3748/wjg.v22.i31.7080

RIME Clinical Vignette Winner Charlie Weldon, MD  
PGY-2 Resident wins with Complications from Weight-loss Surgery Requiring ECMO.



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Caroline Harada, MD, Leads Service Learning Outreach  
UAB Medical Students demonstrate healthy, affordable recipes at local farmer's market.



## DOM Employee of the Month

Will has an exceptional combination of terrific people skills and technical competence that advances to the Palliative Section's scientific discovery and clinical research.

**Will Callans**

*Gerontology, Geriatrics, and Palliative Care*



## DOM Research Spotlight

Exploring the cells that help B cells make antibodies, and discovering their role in allergic asthma.

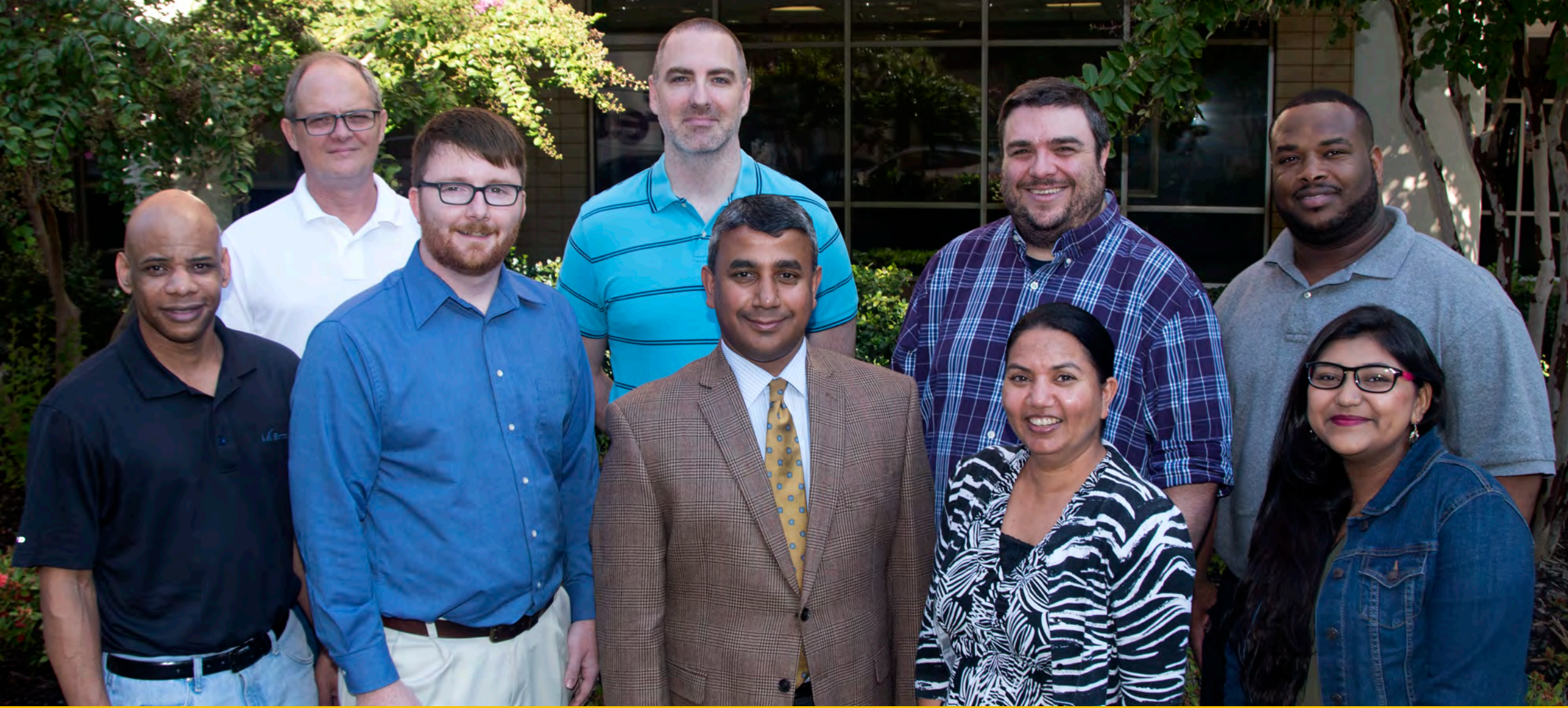
**André Ballesteros-Tato, PhD**  
*Clinical Immunology and Rheumatology*



## Which IM Resident Competed on *Jeopardy*?

PGY-1 Elena Stuewe, MD, finished second place on September 23.





DOM IT Takes 3<sup>rd</sup> Place at National REDCap Conference

# Medical Grand Rounds

Wednesday,  
October 5, 2016

12:00 P.M. in  
Margaret Cameron  
Spain Auditorium

## Compliance 2016: *The Good, the Bad, and the Ugly.*

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HSF Corporate  
Compliance Officer  
**Brian Bates, CPA,**  
and HSF Medical  
Compliance Officer  
**Stephen Stair, MD.**

***Attendance is Mandatory.***