## Eggerthella lenta Bacteremia and Sepsis Due to Right-sided Diverticulitis

Hac-Tu Jacqueline Chung, DO; Luisa Barrueto, DO; Allison Ferris, MD Florida Atlantic University Internal Medicine Residency, Charles E. Schmidt College of Medicine Boca Raton Regional Hospital - Boca Raton, FL



## Timeline Background Case Presentation Conclusion 86-year-old male with a history of • Eggerthella lenta is an Gram-negative rods in 1 of 2 bottles. The Eggerthella lenta sepsis is patient developed diarrhea. Antibiotics hypertension, GERD, and anaerobic, Gram-positive bacillus uncommon and not a typical were deescalated to ceftriaxone. osteoporosis presented to the that is part of the normal bacterium that causes hospital with right-sided abdominal gastrointestinal microbiome and bacteremia. Gram-positive rods were growing in 1 of 2 pain for three days. is a rare cause of bacteremia.<sup>1</sup> We typically think to bottles while the other bacteria speciated He was febrile, tachycardic, and to Escherichia coli. empirically use piperacillin-• There are 25 case reports tender in lower right quadrant. tazobactam for abdominal detailing Eggerthella lenta Labs were significant for infections but careful bacteremia, with one detailing Eggerthella lenta speciated as the second leukocytosis and lactic acidosis. consideration into choice of sepsis due to diverticulitis treated organism Day 5 • CT abdomen/pelvis revealed fat antimicrobial is important as with ceftriaxone and stranding surrounding diverticula at monotherapy for this bacterium metronidazole.<sup>2</sup> the ileocolic junction and a 3.5 cm is associated with high Monotherapy with ceftriaxone mass in pancreatic tail. mortality. or piperacillin-tazobactam Imaging He was given intravenous fluids and is associated with empiric piperacillin-tazobactam. increased mortality.<sup>3</sup> EGD-EUS was done to biopsy the Anaerobic bacteria susceptibility

occurs in specialized labs.<sup>2</sup> This

bacterium is susceptible to

sulbactam, carbapenems, and

ampicillin-

metronidazole. 1

Figure 1: Gram stain of Eggerthella lenta

## Key Point

pancreatic mass revealing a well-

Antibiotics were switched to

day course.

ertapenem, and the patient was

differentiated neuroendocrine tumor.

discharged home to complete a ten-

Eggerthella lenta is a rare cause of bacteremia not typically tested for susceptibility in local hospitals, and monotherapy with ceftriaxone or piperacillin-tazobactam confers high mortality.



Figure 2: CT abdomen/pelvis w/o contrast showing fat stranding around the ileocolic junction concerning for diverticulitis

## References

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