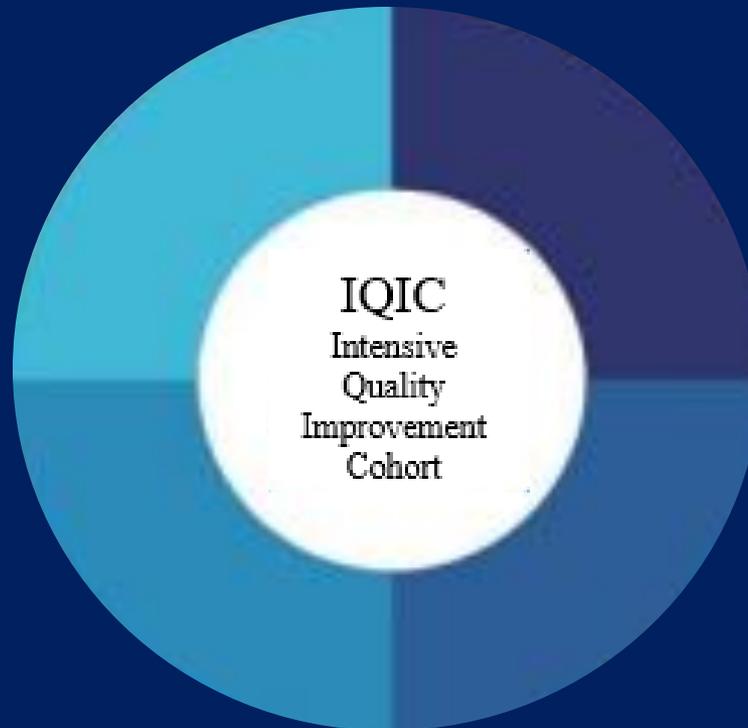




CENTER FOR STEWARDSHIP IN MEDICINE



November 15, 2023

Today's Session:

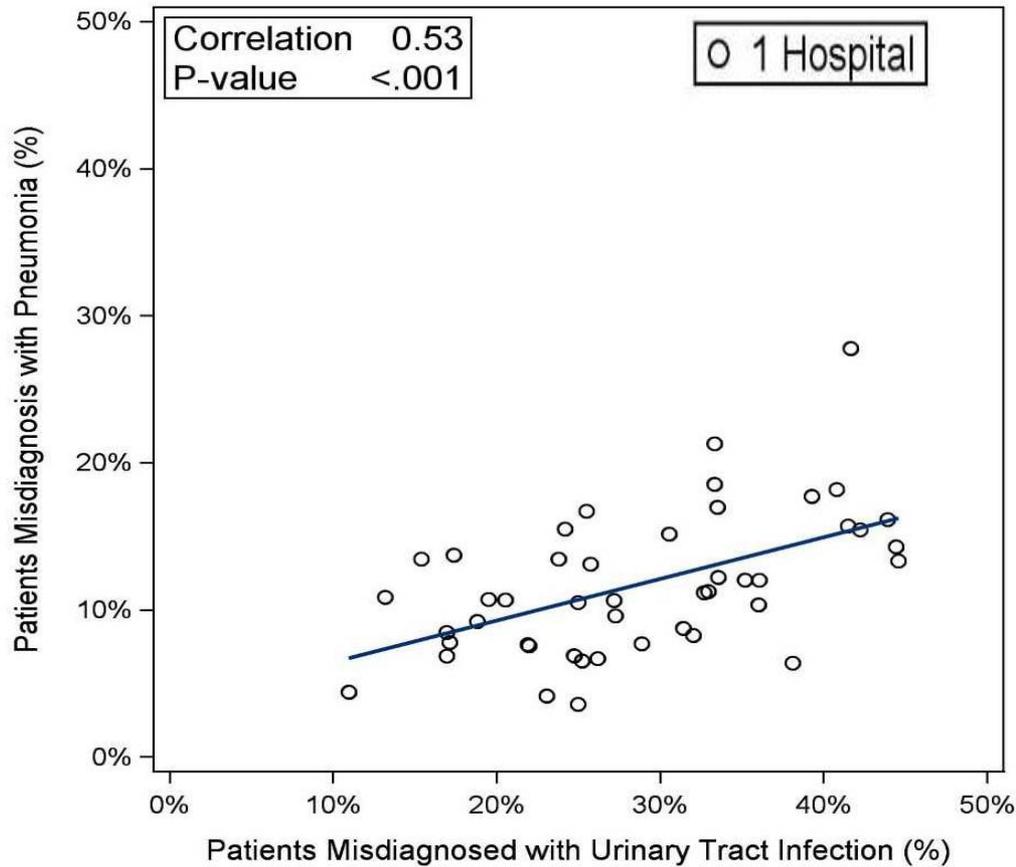
- CAP Duration of therapy
- CAP and ASB Correlations
- Diagnostic and Treatment Questions
- Data Collection & Stewardship goals for IQIC 301
- Wrap-up and Next steps

Stewardship correlation between ASB and CAP

Claire Ciarkowski, MD



MISDIAGNOSIS OF PNEUMONIA AND UTI LINKED

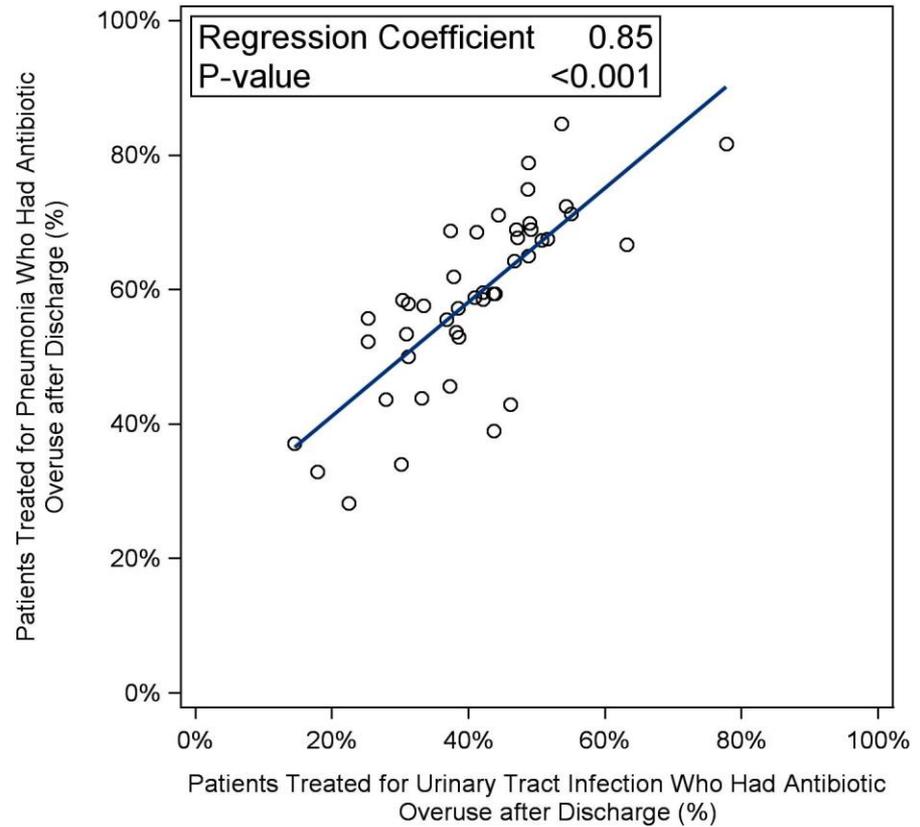


Ashwin Gupta, MD

Gupta A...Vaughn VM, *BMJ Quality & Safety*. 2022

STRONGLY
CORRELATED
ACROSS
CONDITIONS

Figure 2. Antibiotic Overuse after Discharge in Patients Treated for UTI vs. Patients Treated for Pneumonia, by Hospital, (N=44 hospitals)



Vaughn VM, *Clinical Infectious Diseases*. 2020



Treatment of CAP at your Institution

A series of questions

Diagnostics

1. How often do prescribers at your institution obtain cultures for pneumonia?

- Always (green check) ✓
- Often (green check) ✓
- Sometimes (green check) ✓
- Rarely (red x) ✗
- Never (red x) ✗

2. Is your microbiology data evaluated in-house or sent out?

- In house ✓
- Send-out ✗
- Combination of both
- Not sure

3. Does your institution have procalcitonin testing available?

- Yes ✓
- No ✗
- Unsure

4. Does your institution have access to respiratory viral PCR testing?

- Yes ✓
- No ✗
- Unsure

5. Does your institution have a pneumonia order set?

- Yes ✓
- No ✗
- Unsure

Treatment

6. What is the antibiotic therapy of choice for patients **admitted** with pneumonia?

- Amoxicillin +/- Azithromycin
- Azithromycin only
- Ceftriaxone only
- Ceftriaxone + Azithromycin
- Doxycycline
- Levofloxacin
- Something else
- Not sure

7. What is the antibiotic therapy of choice for patients **discharged** with pneumonia?

- Amoxicillin +/- Azithromycin
- Azithromycin
- 3rd generation ceph (e.g. cefpodoxime) +/- azithromycin
- Doxycycline
- Levofloxacin
- Something else
- Not sure

Stewardship & Data Collection

8. How will you identify patients with CAP at your institution?

- ICD-10 codes
- Antibiotic orders (inpatient)
- Antibiotic orders (discharge/outpatient)
- Review of all admits
- Something else
- Not sure

9. What areas are you planning to address for stewardship/QI

- Duration of treatment
- Antibiotic selection
- Fluoroquinolones
- Something else
- Not sure

Timeline:



Sept Oct Nov Dec Jan Feb Mar Apr May June July Aug

9 monthly sessions



4 coaching sessions



Set a new or revise prior SMART goal



Collect data



Receive & review data summary



Record process in PDSA cycle



5 min final presentation



Next Steps

Identify CAP Patients

- To-do: Determine how to find CAP patients to review & collect data
 - ICD-10 codes
 - Review of antibiotic prescriptions (discharge or inpatient)
 - Review of all hospital admits

Data Collection

- To-do: Submit 3 positive urine culture cases (~1/week)
- To-do: Submit 3 CAP Cases (~1/week)

Schedule a 1-on-1 session

- To-do: Schedule quarter 1 check-in (Oct-Dec) on website

A Beautiful Game, football is life

On 3-day courses of antibiotics for CAP



""You say impossible, but all I hear is 'I'm possible.'""

-Ted Lasso

Next IQIC 301 Session: January 24, 2024 12-1p PST
CAP Diagnostics and Procalcitonin

