

A Nightmare on Fuller Street

ASB vs. UTI

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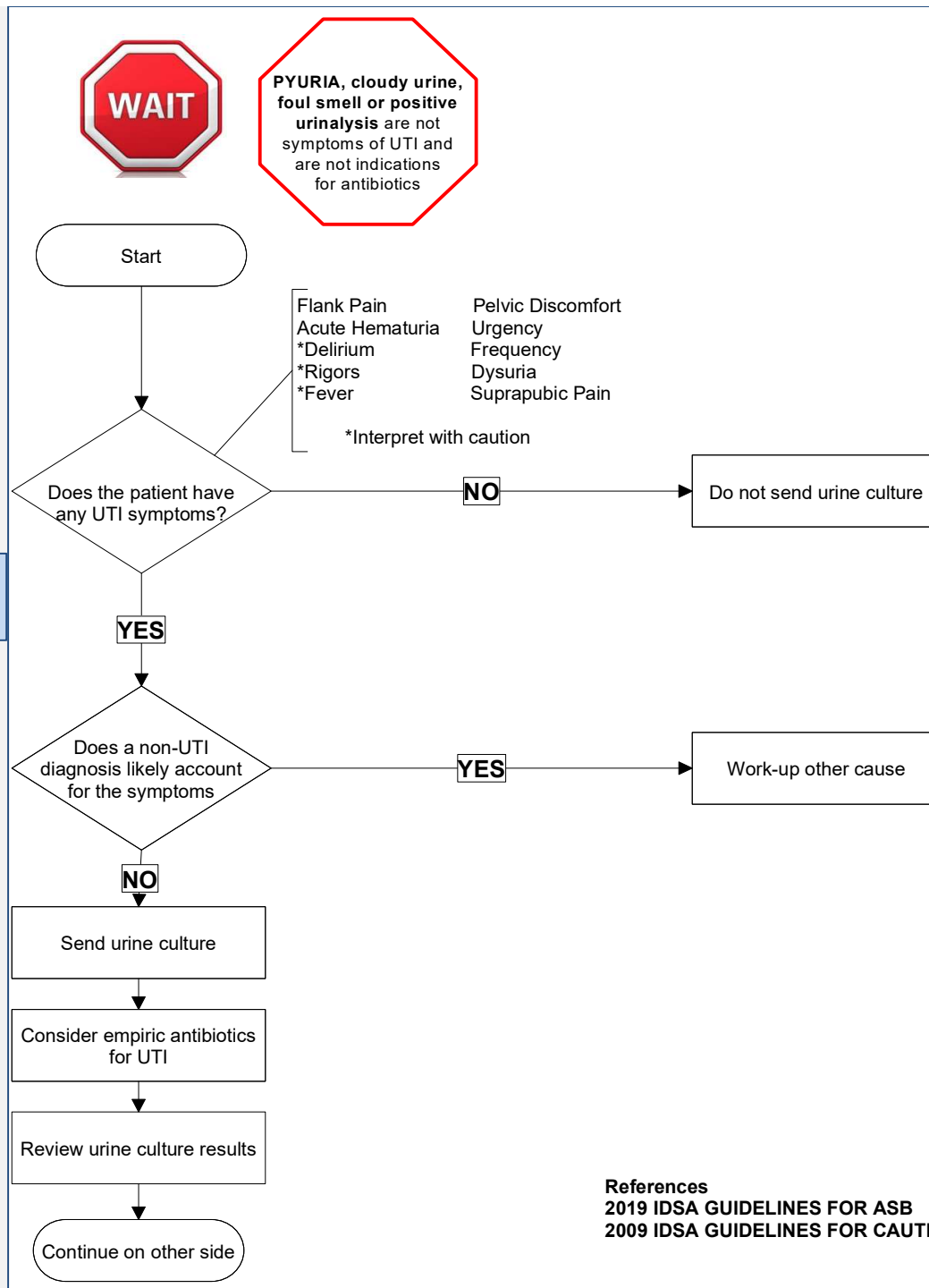


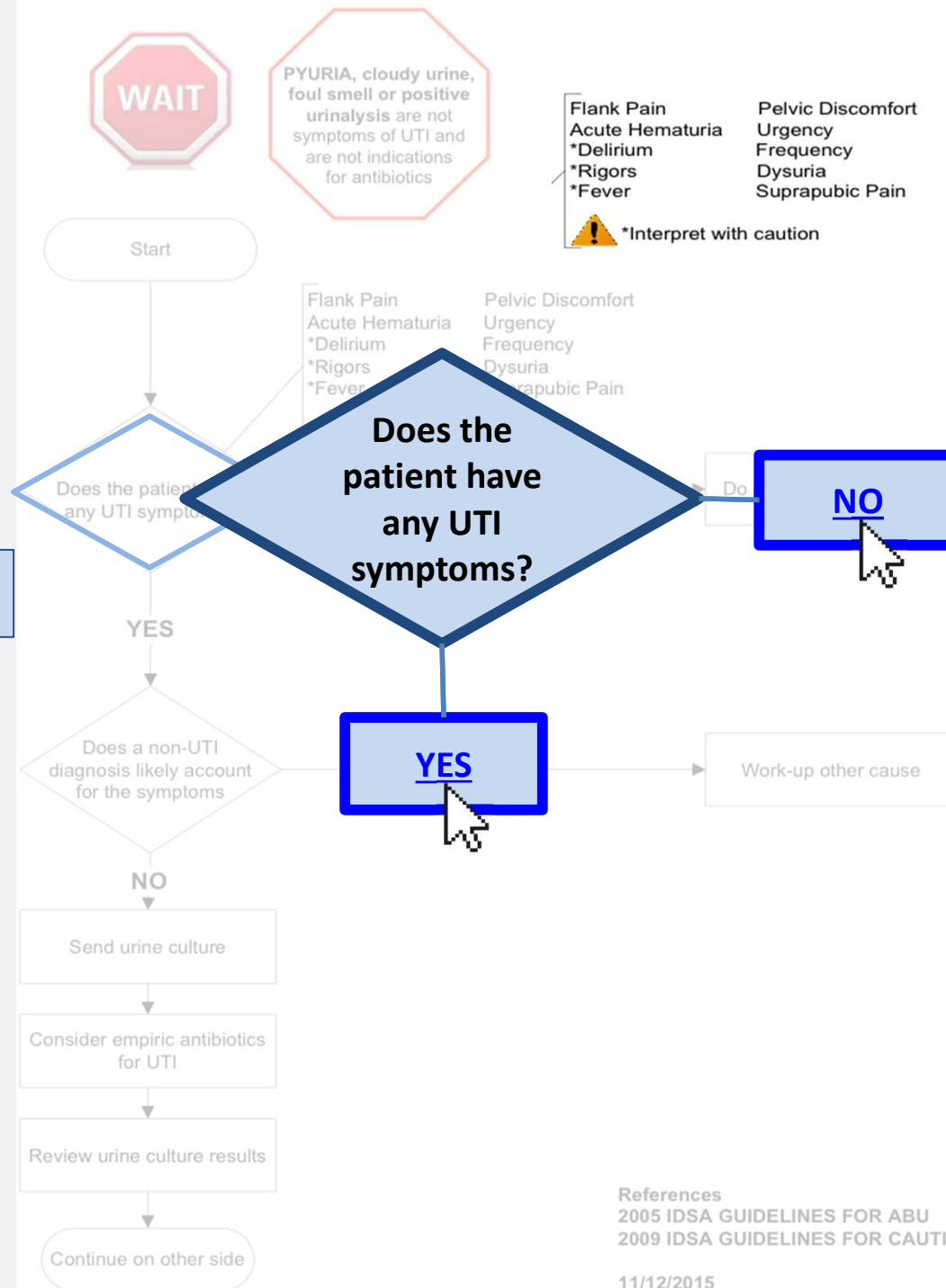
Kicking UTI
The No Knee-Jerk
Antibiotics Campaign

Background

- 76 year old male CLC patient with PMH COPD, CAD, CHF, BPH, urinary retention, recurrent CAUTI, admitted to the CLC, for management of acute CHF exacerbation rehab
- He had a suprapubic catheter in place with no infections or complications since it was placed last year
- Developed transiently altered mental status one morning, so UA and urine cultures were ordered
- The patient was afebrile and reported no urinary symptoms
- The patient reported that his confusion may have been due to a bad dream

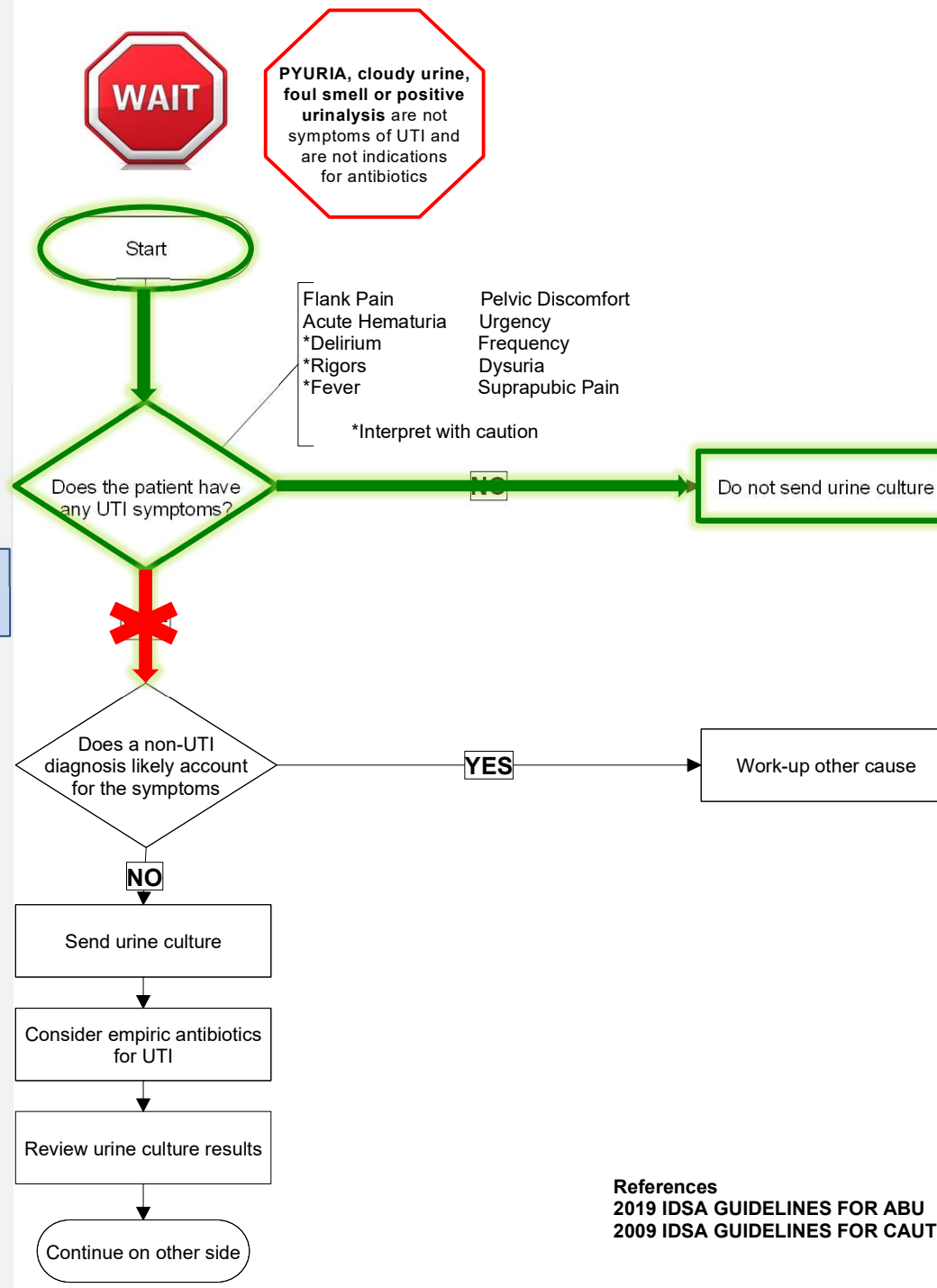
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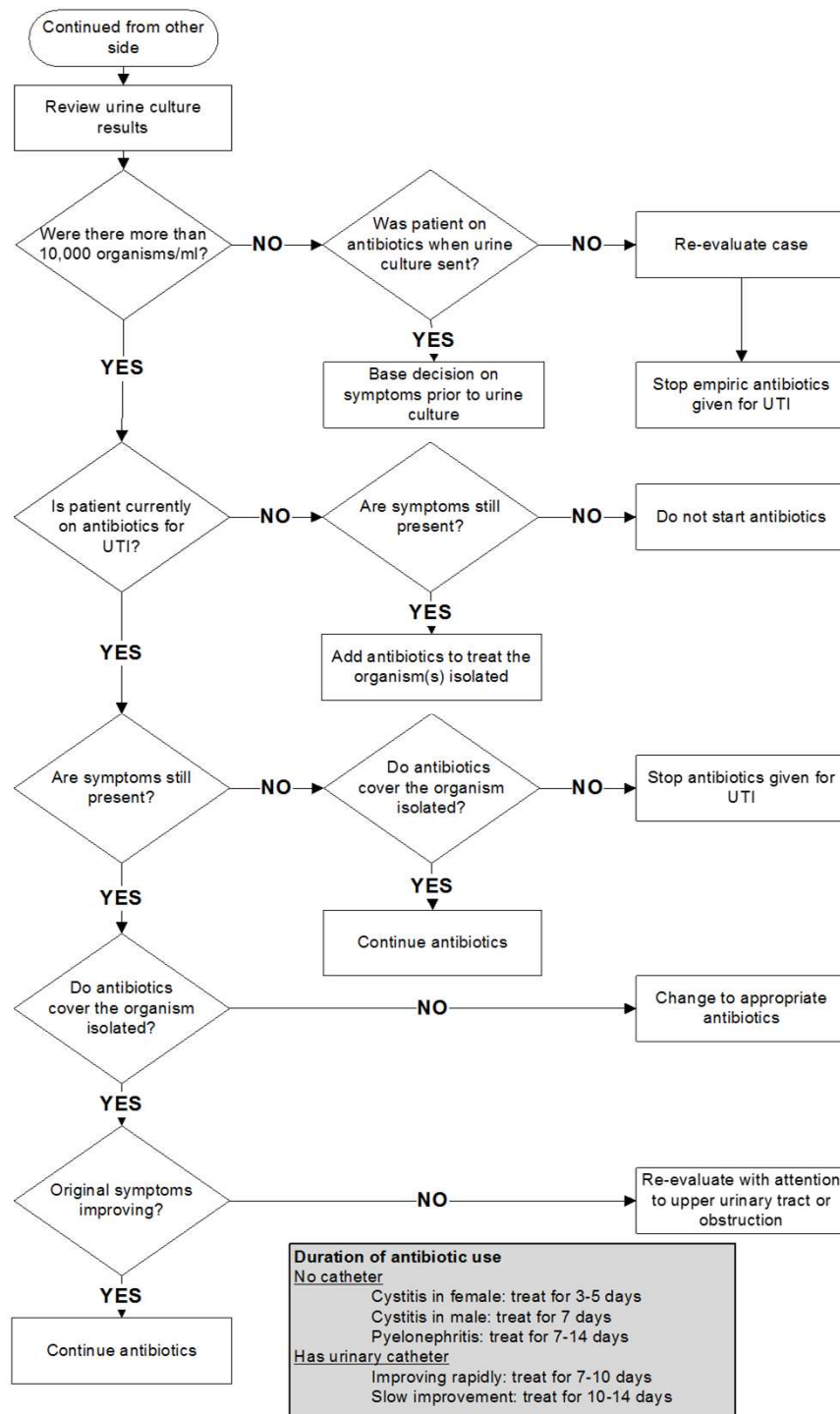
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Clinical Course

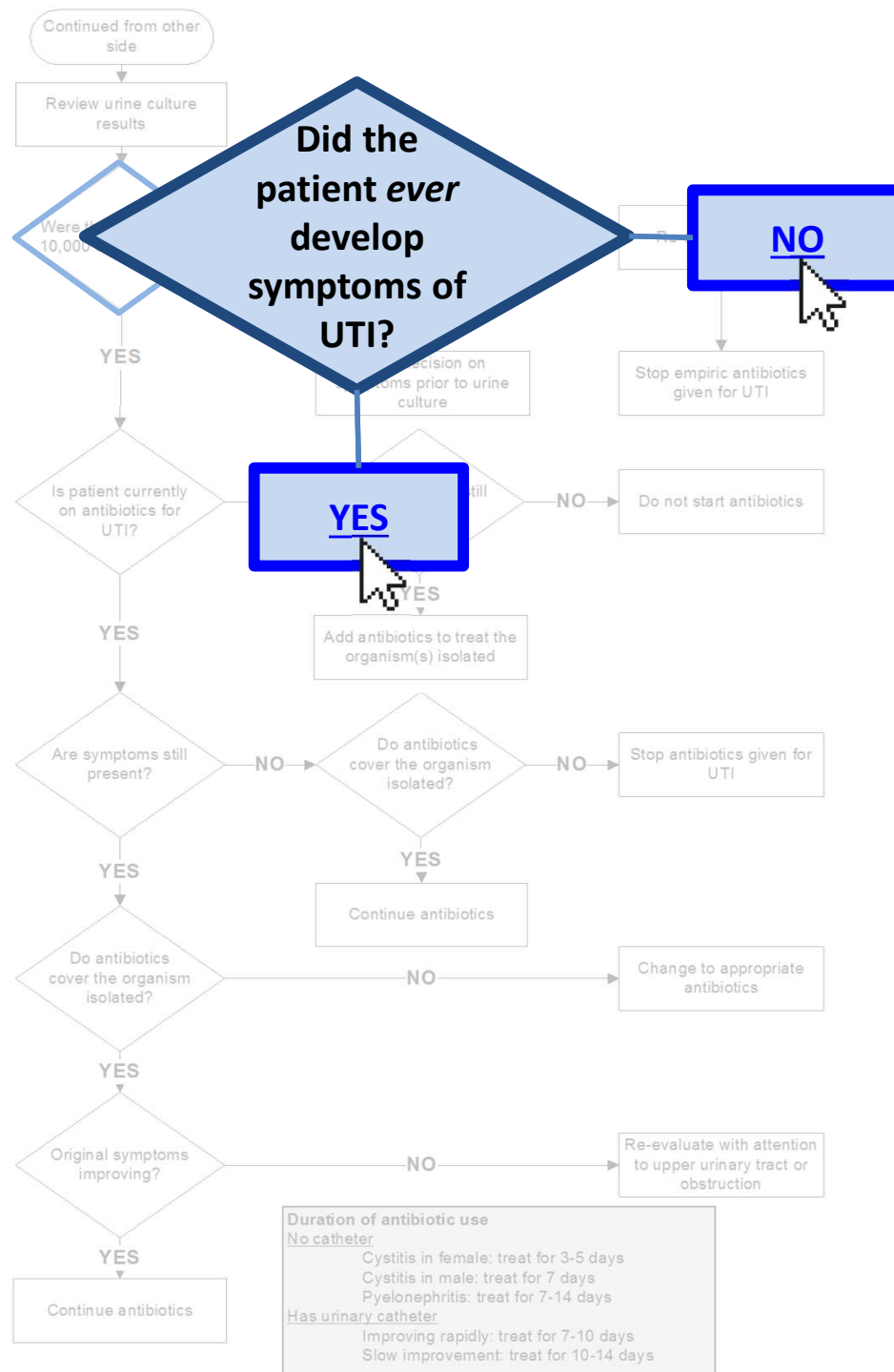
- Urine cultures grew *Klebsiella pneumoniae* >100,000 cfu/ml; UA revealed TNTC WBCs, 51-100 RBCs
- The patient's single episode of AMS resolved with no recurrence
- The patient remained asymptomatic of any urinary symptoms
- The med team started a regimen of oral cephalexin upon patient discharge from CLC

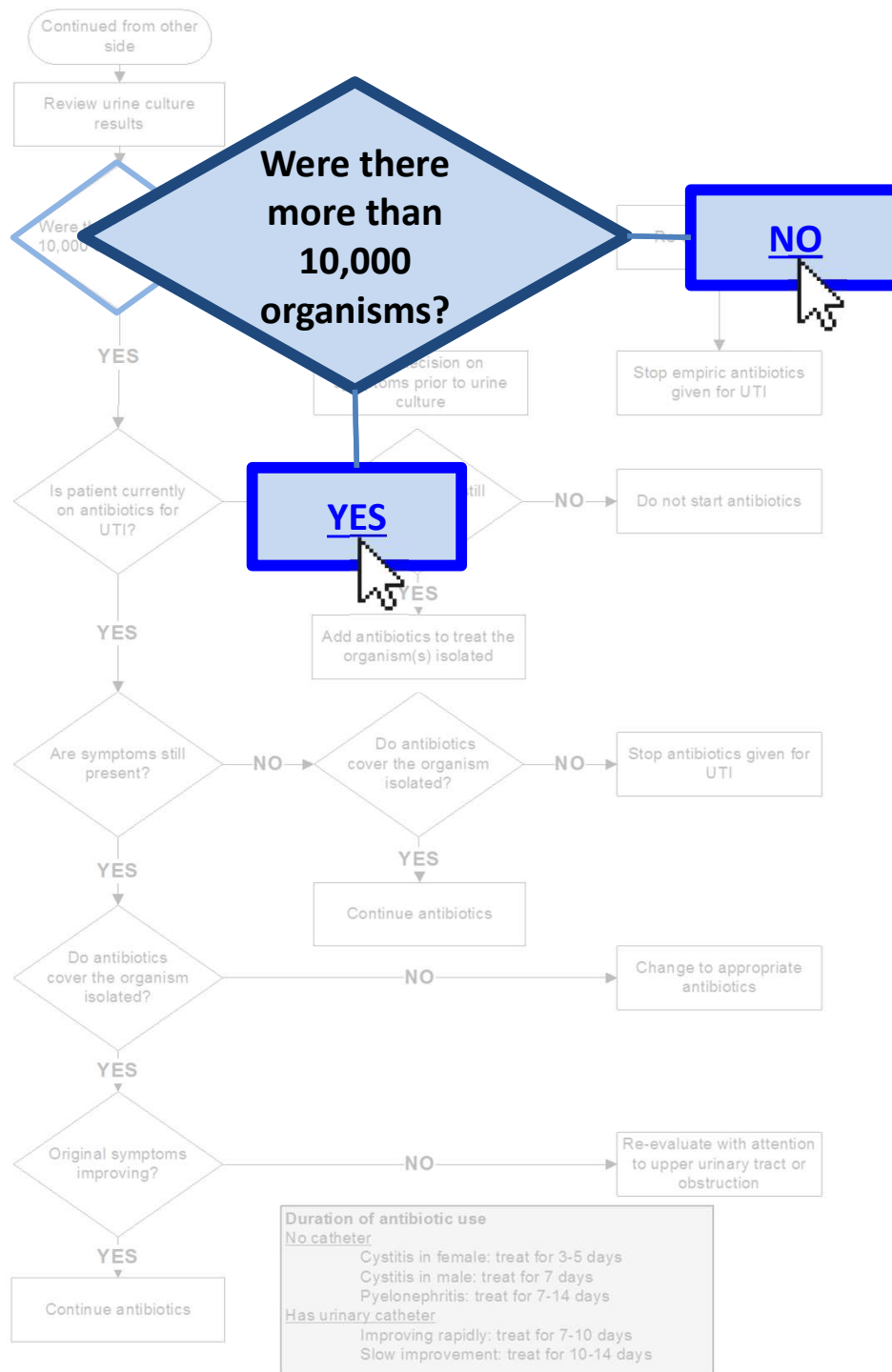
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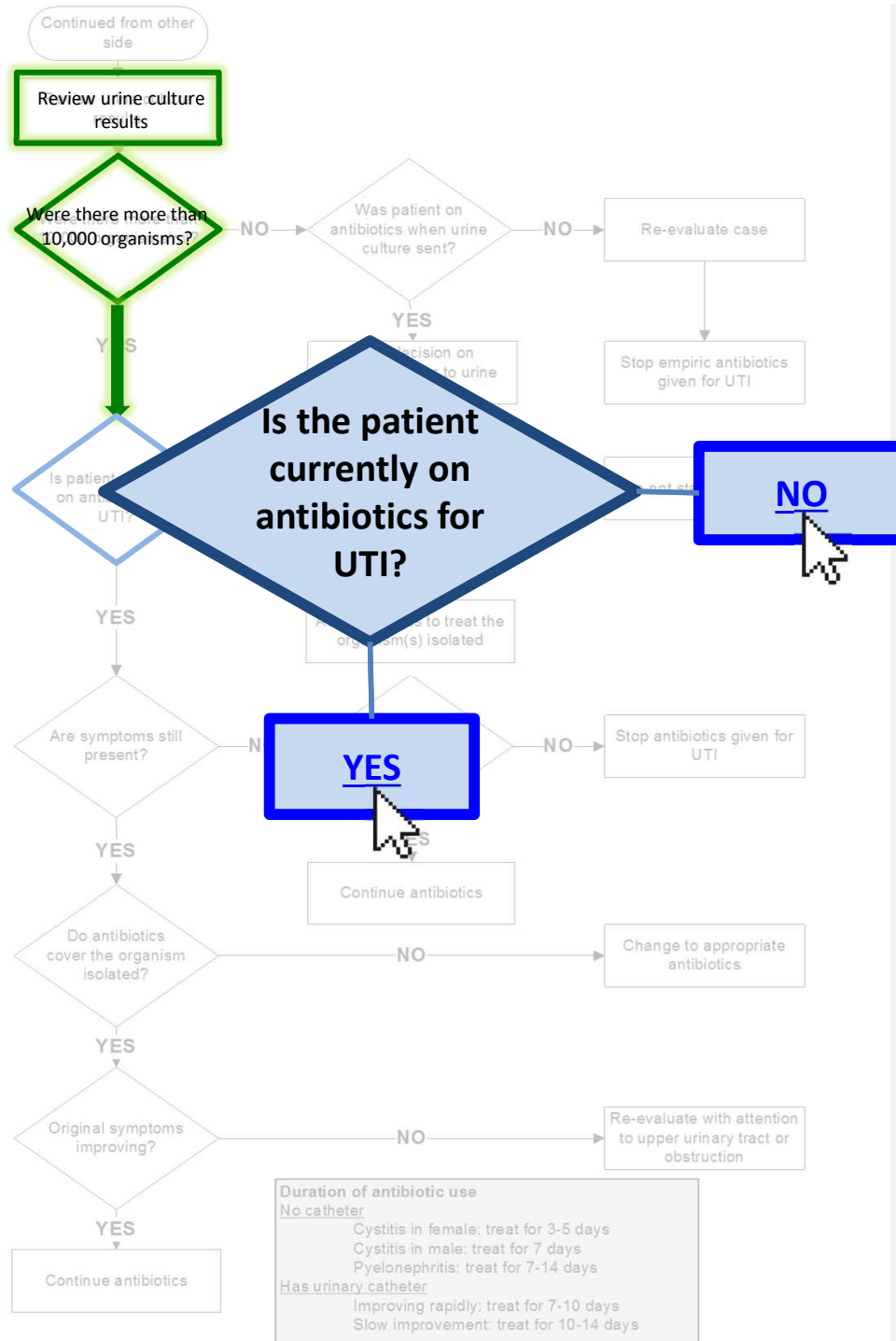
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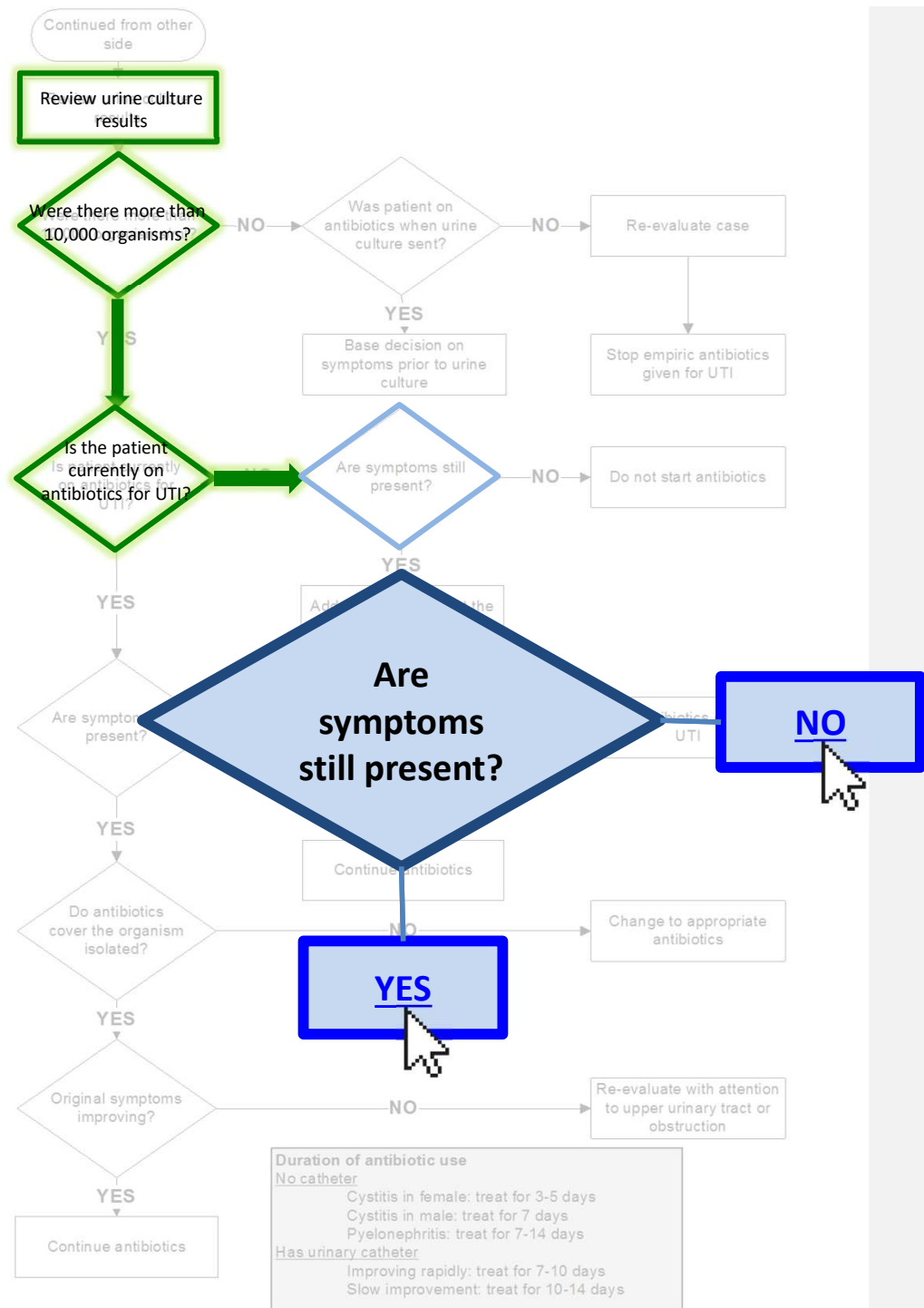
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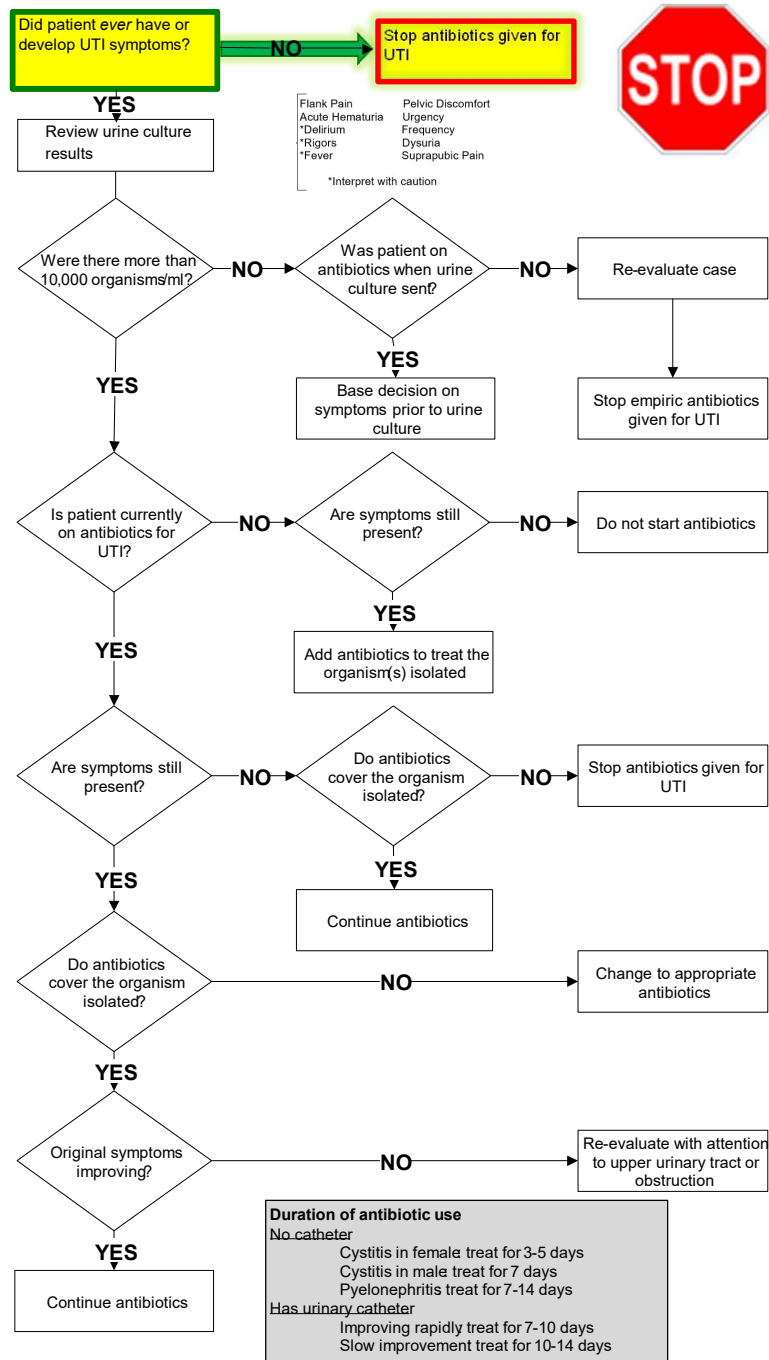
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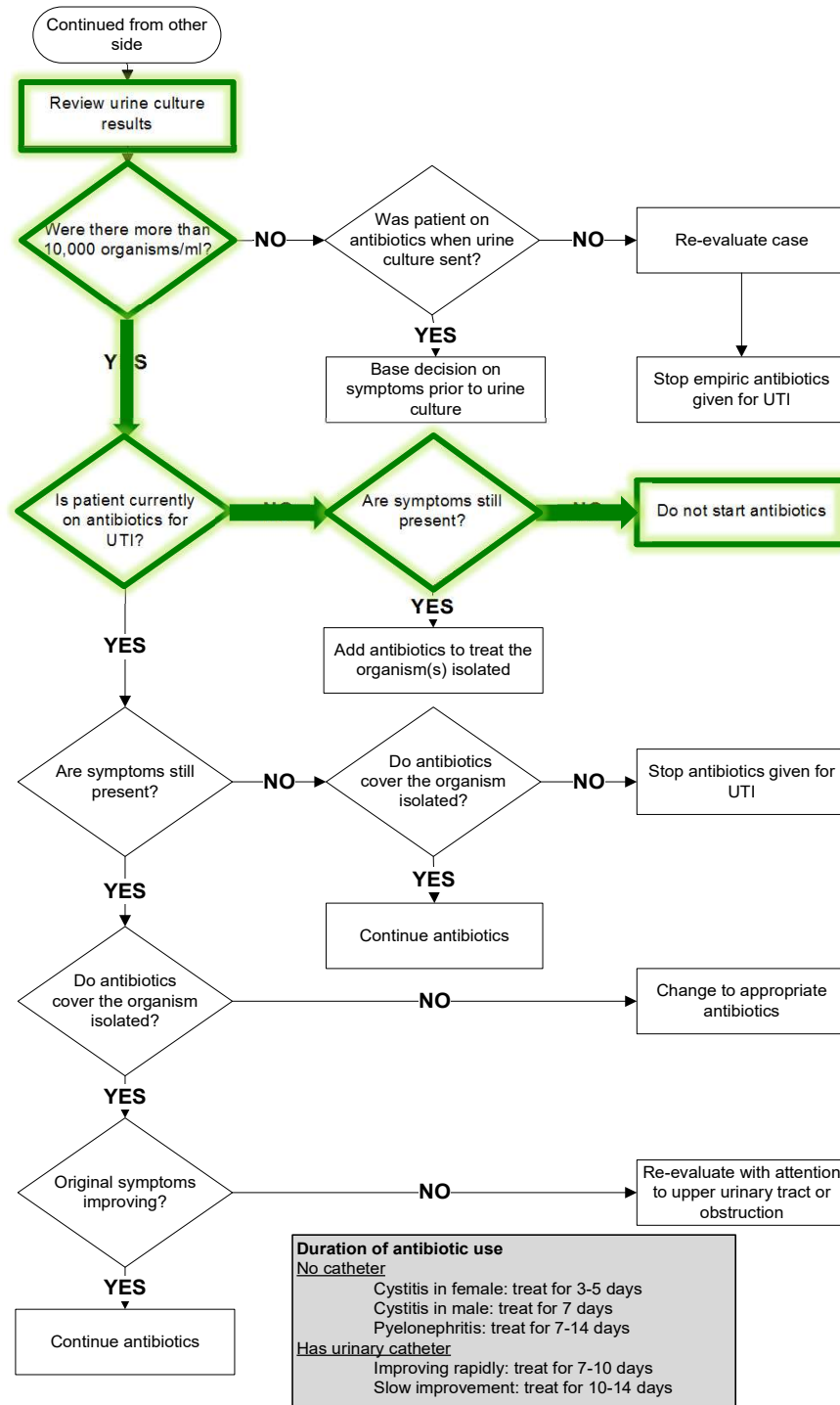


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CORRECT!

The patient does not have any UTI symptoms. A one-time episode of confusion from a nightmare prompted the urine culture

[Continue](#)

INCORRECT

The patient does not have any UTI symptoms.
A one-time episode of confusion from a
nightmare prompted the urine culture

[Try Again](#)



CORRECT!

The patient never developed symptoms of UTI, so antibiotics should not be started.

[Continue](#)

INCORRECT

The patient never developed symptoms of UTI, so antibiotics should not be started

[Try Again](#)

Summary

- This is a cases of **asymptomatic bacteriuria, managed inappropriately.**
- Guidelines would not support treatment in this case.
- **Teaching point: his single episode of confusion/AMS is not a UTI symptom; a urine culture was unnecessary in a patient with COPD.**
- The patient's history of CAUTI likely swayed the med team's decision to treat, despite remaining asymptomatic.
- Watch and wait for symptoms to manifest before treating with antibiotics.

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Further Information

- Link to guidelines
 - <https://www.idsociety.org/search-results?query=bacteriuria#/score/DESC/0/bacteriuria/>
- The Kicking UTI Study thanks you!

