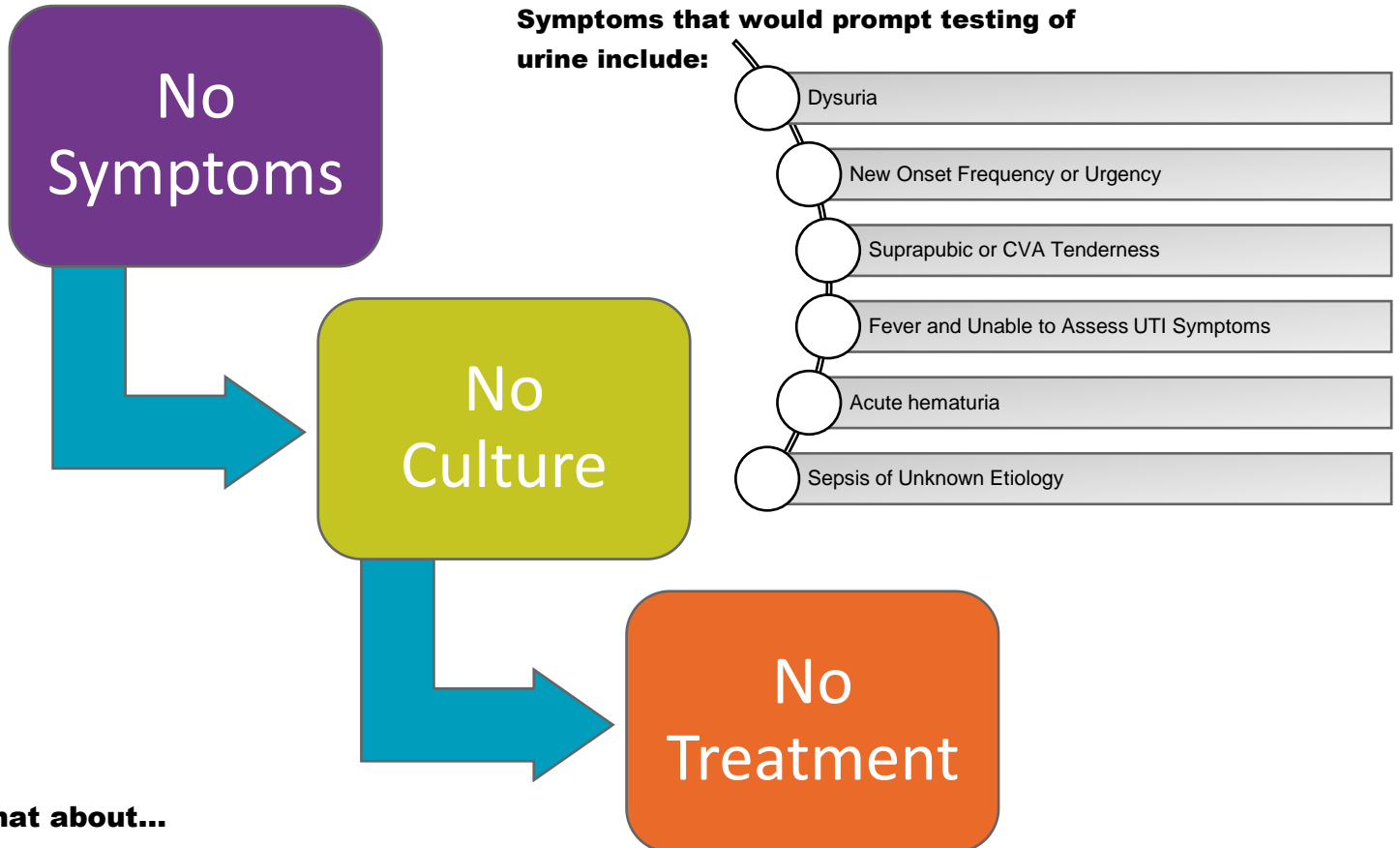




Asymptomatic Bacteriuria – When to Treat?

In the absence of clinical symptoms, the presence of pyuria, bacteria, yeast, leukocyte esterase, and/or nitrites on the urinalysis result does **NOT** correlate with infection.

- The absence of pyuria is a strong indicator that a UTI is NOT present and it is useful in ruling out a urinary tract infection (i.e. high negative predictive value).



What about...

...pregnant women?

Screen and treat asymptomatic bacteriuria in pregnant women

...patients with a urologic procedure?

Screen and treat asymptomatic bacteriuria in patients scheduled to undergo an invasive urologic procedure if mucosal bleeding or trauma is expected.

...older adults with cognitive dysfunction or altered mental status?

Assess for other causes, hydrate, and monitor for 24-48 hours prior to testing urine for infection

...cloudy and foul smelling urine?

Do not test urine for infection unless other symptoms exist

References:

Nicolle LE, Gupta K, Bradley SF, et al. Clinical Practice Guideline for the Management of Asymptomatic Bacteriuria: 2019 Update by the Infectious Diseases Society of America. *Clin Infect Dis*. 2019;68(10):e83-e110. doi:10.1093/cid/ciy1121