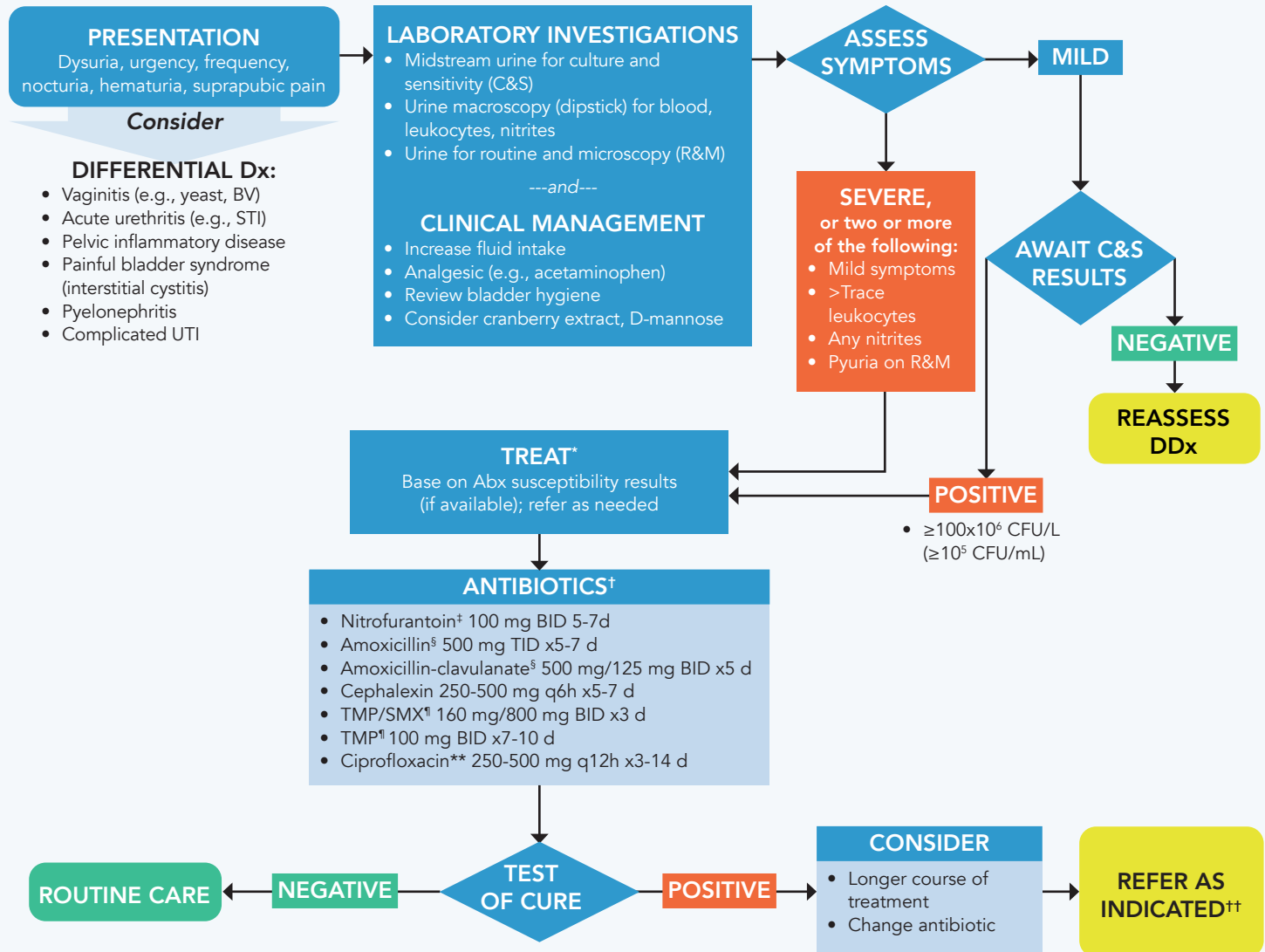




Acute urinary tract infection (UTI) in postpartum

RISK FACTORS: Catheterization, number of vaginal exams, CS, AVB, prolonged epidural, PP urinary retention, UTI in pregnancy, poor bladder hygiene



* Monitor infant during treatment if chest/breastfeeding. Consult if vomiting, diarrhea and/or rash. Consider infant probiotic administration (*Lactobacillus rhamnosus* and *Saccharomyces boulardii*) for antibiotic-associated diarrhea prevention.

† Recommended treatment regimens may vary by community and local antimicrobial resistance rates, **this is not an exhaustive list** of antibiotic options for treatment. Further, this algorithm only includes drugs within prescribing scope for Ontario midwives at the time of publication. Additional drugs may be appropriate; midwives may refer as indicated or order/administer under directive as per [Ontario Regulation](#).

‡ Avoid during first month postpartum if chest/breastfeeding. Avoid if chest/breastfeeding infant at risk for hyperbilirubinemia or G6PD.

§ *E. coli* (most common uropathogen in UTI) has high antimicrobial resistance to amoxicillin (up to ~85%). Consider alternate drug for empiric therapy when susceptibility results not yet available.

¶ Use TMP/SMX with caution during first month postpartum if chest/breastfeeding, or if chest/breastfeeding infant with G6PD, or who is jaundiced, unwell or premature. *E. coli* (most common uropathogen in UTI) has high antimicrobial resistance to TMP/SMX (up to ~40%). Consider alternate drug for empiric therapy when susceptibility results not yet available.

** Generally fluoroquinolones avoided if chest/breastfeeding, but can consider if no appropriate alternatives available.

†† Assess for urgency & complications (e.g., suspected pyelonephritis) and refer accordingly (community vs. urgent care).

REFERENCES

Schneider R, Sant'Anna A. Using probiotics in paediatric populations. *Paediatrics & Child Health*. 2022 Dec 2;27(8):482-91.

Vazquez JC, Abalos E. Treatments for symptomatic urinary tract infections during pregnancy. *Cochrane Database of Systematic Reviews*. 2011(1).