

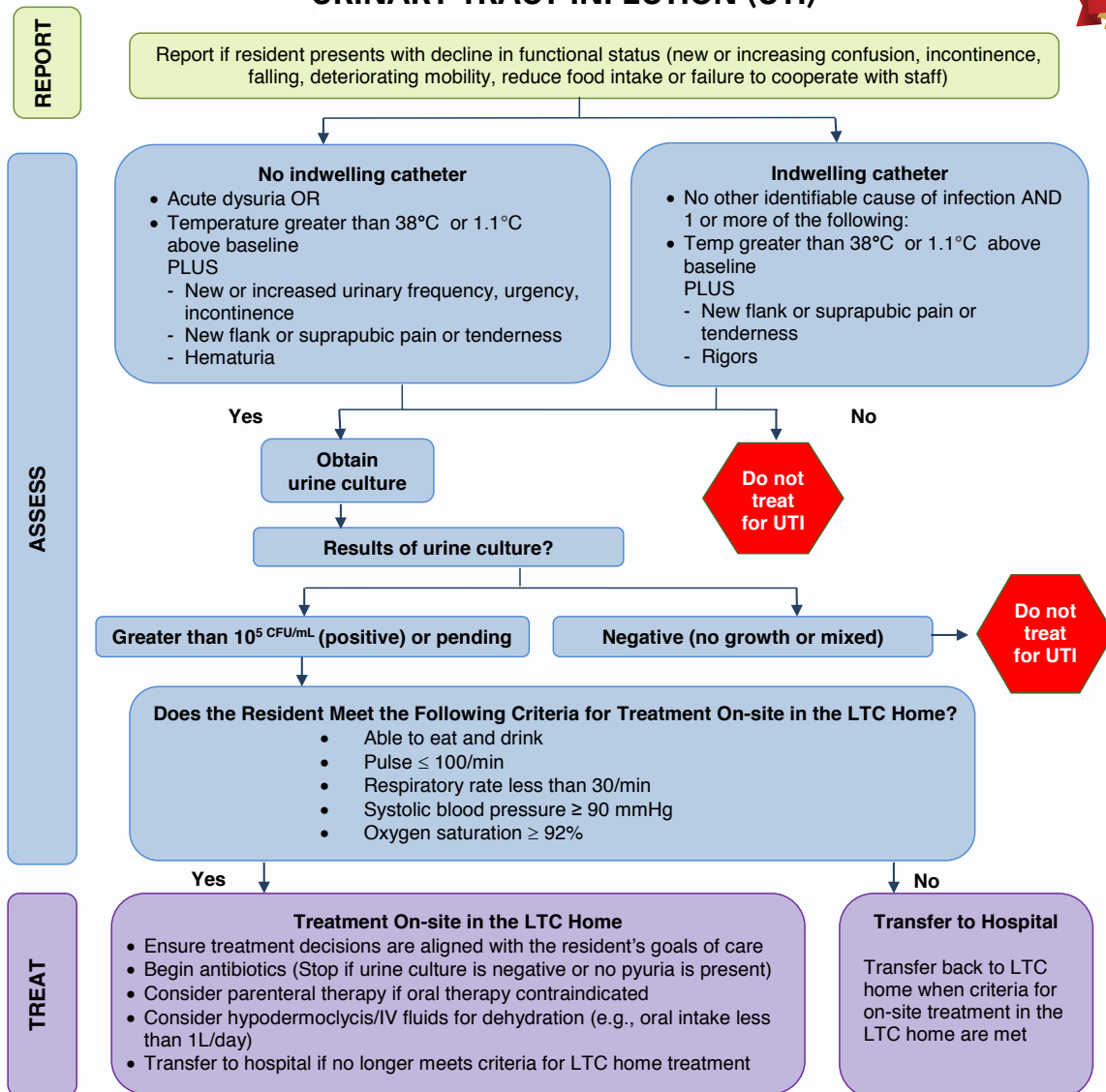
PHARMACY QI

Practical Tips for Quality Improvement

February 2016



Management of Residents with Symptoms or Signs of URINARY TRACT INFECTION (UTI)



Prescriber Information

Initiate antibiotic therapy:

First line

- Trimethoprim/ sulfamethoxazole 2 tabs oral BID or 1 Double Strength oral BID
- Trimethoprim 100mg oral BID or 200mg oral once daily
- Nitrofurantoin 50-100mg oral QID or Macrobid 100mg oral BID
- Amoxicillin 500mg oral TID

Source: Anti-infective Review Panel. Anti-infective guidelines for community-acquired infections. MUMS Guideline Clearinghouse; 2013.

Second line

Ciprofloxacin 250mg oral BID or 500mg (extended release) oral once daily

Levofloxacin 250mg oral once daily

Amoxicillin/Clavulanate 500mg oral TID or 875mg oral BID

Note: Amoxicillin may be used for susceptible organisms but resistance is approx. 40%. Resistance rate to nitrofurantoin in Canada is 21% in LTCs, although it is low (6-8%) in other clinical settings. Cephalexin can also be used for susceptible strains. Nitrofurantoin is relatively contraindicated in renal impairment.

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Adapted from: Alberta Health Services, 2015; High 2008 JAGS 57:375-394; Loeb et al. 2006 JAMA 295:2503-2510; Loeb et al., 2005 BMJ 331:669.