Emergency / Urgent Care UTI culture results decision tree

Inclusion Criteria
- Child discharged with presumed UTI.
- UCx pending

UCx negative
OR
UCx mixed flora
OR
UCx <50K CFU from cath/SPA
OR
UCx <100K CFU from clean catch sample

Not on antibiotics
- No call needed

On antibiotics
- Determine if concerning s/sx

Concerning signs/symptoms
- Persistent fever
- Persistent vomiting and/or abdominal pain
- Persistent dysuria
- In patients with GU abnormalities or recurrent UTIs – persistence of presenting complaints typical of prior UTIs

On antibiotics and no concerning s/sx
- Call family with results
- Stop antibiotics
- “Though the preliminary test showed your child might have a UTI, the confirmatory culture is negative and your child does NOT have a UTI at this time.”

On antibiotics with concerning s/sx
- Call family with results
- Continue abx and refer to PCP ASAP
- “The confirmatory culture is negative but your child is still symptomatic so your child needs to be re-evaluated by her/his doctor to make sure s/he is on the right therapy.”

UCx positive:
≥ 100K CFU from clean catch; OR
≥ 50 K CFU from cath/SPA

On correct abx based on susceptibilities
- Call family with results
- If symptoms are improving, can consider remaining on original abx and contact PCP

Review susceptibilities
- Determine if targeted therapy is needed

On incorrect abx based on susceptibilities
- Call family with results
- Change abx
- “The urine culture grew a bacteria that is not treated by the antibiotic your child is currently receiving. We will change the antibiotic to one that treats this bacteria”

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For questions concerning this pathway, contact: UTI@seattlechildrens.org

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