

# EASY

## An Introduction for Clinicians

### What is EASY?

Empirical oral **AntibioticS** for possible UTI in well-appearing  
Young febrile infants

Well appearing  
infants

29-90 days old  
& suspected UTI



### Which patients are eligible?

**+** History of fever  
Abnormal urinalysis  
Well on global clinical  
assessment

**-** Premature, prior  
NICU/SCBU  
Known renal abnormality  
Evidence of sepsis  
Recent vaccination  
(48hrs)

Full inclusion and exclusion criteria are detailed in  
accompanying infographic

### How can I get involved ?

#### 1 Awareness

A smiley face and letting us know if there are potential patients goes a long way!

#### 2 Confirming Eligibility

Will need basic protocol training and GCP. Placed on delegation log.

#### 3 Follow-up

Will need basic protocol, SIV and SOP training. Become more involved locally.

### What are the benefits of being involved?

Research involvement for the portfolio  
Letters from PI and research team recognising involvement  
with a PERUKI study  
Plenty of sweets!

#### Summary



#### Protocol



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For more information, or to express an interest, please contact  
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### Inclusion criteria

1. 29 to 90 days of age (Infants from their 29th day of life to their 90th day of life inclusive. Day of birth is day 1 of life)
2. Suspected urinary tract infection (UTI) requiring treatment with antibiotics
3. History of fever as defined as temperature  $\geq 38^{\circ}\text{C}$  measured by any method OR likely fever in last 24 hours including subjective fever reported by caregiver
4. Abnormal urinalysis defined as: (1) abnormal urinary dipstick test (leucocyte esterase  $\geq 1+$ , or nitrite  $\geq$  Trace) OR (2) abnormal urine microscopy ( $\geq 5$  white cells per high-power field in centrifuged urine or  $\geq 10$  white cells per  $\text{mm}^3$  in un-centrifuged urine or bacteriuria with any bacteria per high power field)
5. Well on global clinical assessment using the paediatric assessment triangle assessed by a consultant grade doctor\*

### Exclusion criteria

1. Born at  $< 30$  weeks gestation
2. Discharged from hospital more than 7 days after birth
3. Required re-admission to hospital after birth for more than 24 hours
4. Known or suspected structural renal abnormality
5. Evidence of sepsis and/or meningitis (appear unwell, shock, hypotension, altered mental state, bulging fontanelle, lumbar puncture suggestive of bacterial meningitis)
6. Received vaccination within 48 hours of attendance
7. Sodium  $< 128\text{mmol/l}$  on lab or blood gas sample
8. Potassium  $> 6.5\text{mmol/l}$  on lab sample
9. Plasma creatinine  $> 50\text{micromol/l}$
10. Inability to tolerate oral medication
11. Urine sample was not sent for culture
12. Received additional antibiotics (with the exception of the parenteral antibiotic administered within 24 hours of hospital attendance)
13. Declined consent for participation

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