

## Summary of antimicrobial prescribing guidance – managing common infections (May 2019) - Summary

To be used in conjunction with the full guidance available APC formulary website.

Click [NICE visual summaries](#) or [BNF-C](#) to access doses for children

Infection	Comments	Formulary	Treatment options
Acute sore throat	Optimise analgesia. <a href="#">NICE visual summary</a> FeverPAIN <a href="#">RTI leaflet</a>	1 <sup>st</sup> choice	Phenoxyethylpenicillin 500mg QDS 10 days
		Pen allergy	Clarithromycin 500mg BD 5 days <b>OR</b>
		Pen allergy + preg	Erythromycin 500mg QDS 5 days
Acute otitis media	Optimise analgesia. Imm abx only if very unwell/high risk complications <a href="#">NICE visual summary</a>	1 <sup>st</sup> choice	Amoxicillin 500mg TDS 7 days
		Pen allergy	Clarithromycin 500mg BD 7 days <b>OR</b>
		Pen allergy + preg	Erythromycin 500mg QDS 7 days
		2 <sup>nd</sup> choice	Co-amoxiclav 500/125mg TDS 7 days
Acute otitis externa	1 <sup>st</sup> choice - analgesia Cellulitis – abx + refer	2 <sup>nd</sup> choice	Acetic acid (Earcalm) 1 spray TDS 7 days <b>OR</b> Neomycin/steroid (Otomize) 1 spray TDS 7-14 days
		Cellulitis	Flucloxacillin 500mg QDS 7 days
Sinusitis (acute)	Optimise analgesia. Sx <10d no abx. Sx >10d - no abx/ back up abx unless v unwell or high risk of complications <a href="#">NICE visual summary</a> <a href="#">RTI leaflet</a>	1 <sup>st</sup> choice	Phenoxyethylpenicillin 500mg QDS 5 days
		Pen allergy	Doxycycline 200mg stat/100mg OD 5 days (not < 12yrs) <b>OR</b> Clarithromycin 500mg BD 5 days <b>OR</b>
		Pen allergy + preg	Erythromycin 500mg QDS 5 days
		2 <sup>nd</sup> choice/v unwell	Co-amoxiclav 500/125mg TDS 5 days
Acute exacerbation of COPD	<a href="#">NICE visual summary</a>	1 <sup>st</sup> choice	Amoxicillin 500mg TDS 5 days <b>OR</b> Doxycycline 200mg stat/100mg OD 5 days <b>OR</b> clarithromycin 500mg BD 5 days
		High risk of treatment failure	Co-amoxiclav 500/125mg TDS 5 days <b>OR</b> Co-trimoxazole 960mg BD 5 days (consider safety issues)
Acute cough	Self-care. Consider no/back up abx. Immediate abx if v unwell or risk complications <a href="#">NICE visual summary</a> <a href="#">RTI leaflet</a>	1 <sup>st</sup> choice	Doxycycline 200mg stat/100mg OD 5 days (not < 12 yrs) <b>OR</b> Amoxicillin 500mg TDS 5 days <b>OR</b>
		Pen allergy	Clarithromycin 500mg BD 5 days <b>OR</b> erythromycin (child)
		Pen allergy + preg	Erythromycin 500mg QDS 5 days
Community acquired pneumonia – treatment in community <i>*BAAG update (Nov 20) in response to [NG165]</i>	CRB65 is not appropriate for use in primary care during the COVID-19 pandemic	1 <sup>st</sup> choice	doxycycline 200mg stat/100mg OD for 5days- <b>OR</b> Amoxicillin 500mg TDS 5 days. (For both antibiotics rev 3 days and extend to 7 days if poor resp)
UTI - lower UTI in non-pregnant women	Consider back-up abx <a href="#">NICE visual summary</a> <a href="#">UTI leaflet</a>	1 <sup>st</sup> choice	Nitrofurantoin (if eGFR>45ml/min) 100mg m/r BD 3 days <b>OR</b> Trimethoprim 200mg BD 3 days (if no risk resist.or recent exposure to trimeth)
		2 <sup>nd</sup> choice	Pivmecillinam (a penicillin) 400mg stat/200mg TDS 3 days <b>OR</b> Fosfomycin 3g sachet single dose
UTI – lower UTI in pregnant women	Immediate abx <a href="#">NICE visual summary</a>	1 <sup>st</sup> choice	Nitrofurantoin (avoid at term) (if eGFR>45ml/min) 100mg m/r BD 7 days <b>OR</b> Trimethoprim 200mg BD 7 days (if no risk resist.or recent exposure to trimeth) 2 <sup>nd</sup> & 3 <sup>rd</sup> trimester (BAAG opinion)
		2 <sup>nd</sup> choice	Cefalexin 500mg BD 7 days <b>OR</b> amoxicillin (if susceptible) 500mg BD 7 days
UTI - lower UTI in men	Immediate abx <a href="#">NICE visual summary</a>	1 <sup>st</sup> choice	Nitrofurantoin (if eGFR>45ml/min) 100mg m/r BD 7 days <b>OR</b> Trimethoprim 200mg BD 7 days (if no known risk resist.or recent trimeth exposure)
UTI– lower UTI in children	<3mths refer. Immediate abx <a href="#">NICE visual summary</a>	1 <sup>st</sup> choice	Trimethoprim or nitrofurantoin (if eGFR>45ml/min) <a href="#">BNF-C</a> doses
		2 <sup>nd</sup> choice	Nitrofurantoin (if not 1 <sup>st</sup> choice) <b>OR</b> amoxicillin (if susceptible) <b>OR</b> cefalexin ( <a href="#">BNF-C</a> )
Acute pyelonephritis (upper urinary tract)	<a href="#">NICE visual summary</a>	1 <sup>st</sup> choice (men/ non-preg women)	Co-amoxiclav (if susceptible 500/125mg TDS 7 days <b>OR</b> Ciprofloxacin (consider safety issues) 500mg BD 7 days
		Preg women	Refer to secondary care (BAAG opinion)
		Children>3mths	Cefalexin or co-amoxiclav (if susceptible) <a href="#">BNF-C</a> doses
Recurrent UTI	Self-help advice. Review in 3 months <a href="#">UTI leaflet</a> <a href="#">NICE visual summary</a>	1 <sup>st</sup> choice (non-pregnant women)	Trimethoprim 200mg stat when exposed to trigger or 100mg at night <b>OR</b> Nitrofurantoin (if eGFR>45ml/min) 100mg stat when exposed to trigger or at night
		2 <sup>nd</sup> choice or pregnant women	Amoxicillin 500mg stat when exposed to trigger or 250mg at night <b>OR</b> Cefalexin 500mg stat when exposed to trigger or 125mg at night
		Pregnant	Cefalexin 500mg TDS 10 days (non-severe) or 1.5g TDS 7 days (severe)
		Children > 3mths	Trimethoprim or amoxicillin or cephalixin or co-amoxiclav
Acute prostatitis	Sensitivities when available <a href="#">NICE visual summary</a>	1 <sup>st</sup> choice	Ciprofloxacin 500mg BD 14 days then review (consider safety issues)
		2 <sup>nd</sup> choice	Co-trimoxazole 960mg BD 14 days then review
Suspected meningococcal disease	Immediate hospital transfer. If time IV or IM abx.	1 <sup>st</sup> choice	Benzylpenicillin 1.2g (adult/child>10yrs) IV or IM stat (see <a href="#">BNF-C</a> for child doses)
<b>Genital tract infections</b>	<b>Refer to full guidelines for STI screening and treatment of genital tract infections</b>		
Epididymitis	>35 years low risk STI	1 <sup>st</sup> line	Doxycycline 100mg BD 14 days or ciprofloxacin (safety issues) 500mg BD 10 days
Impetigo	Oral if extensive/ severe. Topical only if localised. Mupirocin only if MRSA	Extensive/severe	Flucloxacillin 500mg QDS 7 days <b>OR</b> clarithromycin 500mg BD 7 days