

University of California Davis Health

EMPIRIC ANTIBIOTIC GUIDELINES FOR OUTPATIENTS: PEDIATRICS

CONDITION	CULTURE NEEDED?	1 ST CHOICE	ALTERNATIVES (intolerant to 1 st choice)
Cellulitis Mild	No	Cephalexin PO 15mg/kg/dose Q8H MAX of 500mg per dose	Clindamycin PO 10mg/kg/dose Q8H MAX : 450mg/dose
Abscess – Skin Mild < 5 cm	No	Mild consider I & D only may add antibiotic therapy listed below	Mild consider I & D only may add antibiotic therapy listed below
Moderate > 5 cm	Yes (Send in Anaerobic Transport Media)	Mild: consider I & D only TMP-SMX 4-6 mg/kg PO Q12H MAX : 320mg of TMP/dose <i>or</i> Clindamycin PO 10mg/kg/dose Q8H MAX : 450mg/dose Treat for 5 – 7 days	Mild: consider I & D only TMP-SMX 4-6 mg/kg PO Q12H MAX : 320mg of TMP/dose <i>or</i> Clindamycin PO 10mg/kg/dose Q8H MAX : 450mg/dose Treat for 5 – 7 days
Dog, Cat & Human Bites <u>Prophylaxis</u> of “high risk” bites	No	Amoxicillin/Clavulanate PO 45mg/kg/dose Q12H MAX : 875mg/dose Duration 3 – 5 days	TMP-SMX 4-6 mg/kg PO Q12H MAX : 320mg of TMP/dose <i>and</i> Clindamycin PO 10mg/kg/dose Q8H MAX : 450mg/dose Duration 3 – 5 days
Low risk infections	Yes	Amoxicillin/Clavulanate PO 45mg/kg/dose Q12H MAX : 875mg/dose Duration 5 – 10 days	TMP-SMX 4-6 mg/kg PO Q12H MAX : 320mg of TMP/dose <i>and</i> Clindamycin PO 10mg/kg/dose Q8H MAX : 450mg/dose Duration 5 – 10 days
Pneumonia: CAP Send home (low risk)	No	Amoxicillin PO 45mg/kg/dose TID MAX : 4,000 mg/day If atypical organism suspected (greater than 5 years old) <i>add</i> Azithromycin PO 10mg/kg Day 1 MAX : 500mg/dose 5mg/kg QD Day 2-5 MAX : 250mg/dose	Doxycycline 1-2mg/kg/dose Q12H MAX : 200mg/day Note: only for patients greater than 8 years old Severe beta-lactam allergy: Less than 5 years old Levofloxacin PO 8-10mg/kg/dose Q12H MAX : 750mg/day Greater than 5 years old Levofloxacin PO 8-10mg/kg/dose QD MAX : 750mg/day
Cystitis (uncomplicated)	Yes: Urine Culture	Cephalexin PO 12.5 to 25mg/kg/dose Q8H MAX : 500mg/dose	Nitrofurantoin PO suspension 1.25-1.75mg/kg/dose Q6H MAX : 100mg/dose <i>OR</i> Nitrofurantoin PO tablet 100mg Q12H (for patients greater than 15kg and able to swallow tablets)
Pyelonephritis Uncomplicated	Yes: Urine Culture	Cefixime PO 4mg/kg/dose Q12H MAX : 200mg/dose (available as suspension & 100mg chewable tablet)	Less than 5 years old Levofloxacin PO 8-10mg/kg/dose Q12H MAX : 750mg/day Greater than 5 years old Levofloxacin PO 8-10mg/kg/dose QD MAX : 750mg/day Treat 7 – 10 days
Otitis Media	No	High dose amoxicillin PO 45mg/kg/dose Q12H MAX : 4,000mg/day <i>OR</i> If recent failure, consider: Amoxicillin/clavulanate PO 45mg/kg/dose Q12H MAX : 875mg/dose If less than 2 years old treat for 10 days Greater than 2 years old treat 5 – 7 days	Less than 5 years old Levofloxacin PO 8-10mg/kg/dose Q12H MAX : 750mg/day Greater than 5 years old Levofloxacin PO 8-10mg/kg/dose QD MAX : 750mg/day
Ear, Nose, Throat Sinusitis >10 days symptoms <i>OR</i> fever with purulent discharge >3 days	No	Amoxicillin/clavulanate PO 45mg/kg/dose Q12H MAX : 875mg/dose Treat 5 – 10 days	Greater than 8 years old Doxycycline 2mg/kg/dose Q12H MAX : 100mg/dose <i>OR</i> Less than 5 years old Levofloxacin PO 8-10mg/kg/dose Q12H MAX : 750mg/day Greater than 5 years old Levofloxacin PO 8-10mg/kg/dose QD MAX : 750mg/day

Please write diagnosis (condition) in order sent to pharmacy.

The above table provides guidelines and does not impose rigid restrictions.

The clinical presentation of individual patients may require use of different antibiotics.

Approved by UCDH Pharmacy and Therapeutics Committee August 2019.