



Mercy Hospital of Pittsburgh

Emergency Medicine Pneumonia Antibiotic Orders

for Emergency Department use only

↓ Addressograph Here ↓

Circle checkboxes: pick one and only one. Square checkboxes: may pick one, many, or none.
Draw a line through, initial and date all changes.
Medications: write "brand necessary" if generically equivalent product is not acceptable.

Blood Cultures *if giving antibiotics for pneumonia admission:*
 2 blood cultures via different sites

Non-Intensive Care Patient *if no immediate hypersensitivity to penicillin:*
 ceftriaxone (ROCEPHIN) 1 gram IV
 plus azithromycin (ZITHROMAX) 500 mg IV
or (less preferred)
 levofloxacin (LEVAQUIN) 500 mg IV
or
 other:
explain "other":

Intensive Care Patient WITHOUT Pseudomonas Risk *if no immediate hypersensitivity to penicillin (urticaria or angioedema):*
 ceftriaxone (ROCEPHIN) 1 gram IV
 plus EITHER
 azithromycin (ZITHROMAX) 500 mg IV
OR (if azithromycin contraindicated)
 levofloxacin (LEVAQUIN) 500 mg IV

Risks:
malnutrition;
albumin <3;
>10 mg prednisone/day;
severe COPD;
NH resident;
antibiotics >7d past month;
Hx pseudomonas;
bronchiectasis.

if aspiration risk, may instead use:
 ampicillin/sulbactam (UNASYN) 1.5 g IV
 plus azithromycin (ZITHROMAX) 500 mg IV

if immediate hypersensitivity to penicillin:
 levofloxacin (LEVAQUIN) 500 mg IV
 plus vancomycin (VANCOCIN) 20 mg/kg (max 2 g) IV

wt., kg vancomycin dose, mg: max 2000 mg

other:
explain "other":

Continued Page 2...

Med Student/Resident or PA-CRNP Signature:	/	Date:		Time:	
Attending (Emergency Physician) Signature:		Date:		Time:	
Attending signature verifying all above DEM physician orders:		Date:		Time:	



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Page 2 of 2 for Emergency Department use only

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Intensive Care Patient WITH Pseudo-monas Risk

Risks:
malnutrition;
albumin <3;
>10 mg prednisone/day;
severe COPD;
NH resident;
antibiotics >7d past month;
Hx pseudomonas; bronchiectasis.

if no immediate **or** delayed hypersensitivity to penicillin:

piperacillin-tazobactam (ZOSYN) 4.5 g IV
plus
gentamicin (GARAMYCIN) ~6 mg/kg IV (round to nearest 80 mg); if endstage renal disease, 1.3 mg/kg:

plus
EITHER gentamicin dose, mg:
wt., kg ~5 mg/kg
ESRD: ~1.3 mg/kg

azithromycin (ZITHROMAX) 500 mg IV
OR (if azithromycin contraindicated)
 levofloxacin (LEVAQUIN) 500 mg IV

or

piperacillin-tazobactam (ZOSYN) 4.5 g IV
plus
 ciprofloxacin (CIPRO) 400 g IV

or, if delayed hypersensitivity to penicillin (rash):

ceftazidime (FORTAZ, TAZICEF) 1 g IV
plus
 gentamicin (GARAMYCIN) ~6 mg/kg IV (round to nearest 80 mg); if endstage renal disease, 1.3 mg/kg:

plus
levofloxacin (LEVAQUIN) 500 mg IV gentamicin dose, mg:
wt., kg ~5 mg/kg
ESRD: ~1.3 mg/kg

or, if immediate hypersensitivity to penicillin (urticaria/angioedema):

aztreonam (AZACTAM)
plus
 gentamicin (GARAMYCIN) ~6 mg/kg IV (round to nearest 80 mg); if endstage renal disease, ~1.3 mg/kg:

plus
levofloxacin (LEVAQUIN) 500 mg IV gentamicin dose, mg:
wt., kg ~5 mg/kg
ESRD: ~1.3 mg/kg

or

other:

explain "other":

Med Student/Resident or PA-CRNP Signature: _____ / _____

Date: _____ Time: _____

Attending (Emergency Physician) Signature: _____

Date: _____ Time: _____

Attending signature verifying all above DEM physician orders: _____

Date: _____ Time: _____