

CHOICE OF INTRAVENOUS ANTIBIOTICS IN ADULT PATIENTS WITH SEVERE SEPSIS IN RFH A & E AND MAAU – AUGUST 2017

FACT: PENICILLINS CAN KILL – CHECK THE PATIENT’S ALLERGY STATUS

RED: DO NOT USE IN PENICILLIN ALLERGY

ORANGE: CAUTION IN PENICILLIN ALLERGY

GREEN: SAFE IN PENICILLIN ALLERGY

ALL ANTIBIOTICS SHOULD BE GIVEN IV IN THE FIRST INSTANCE

REVIEW AT 48 HOURS - IV TO ORAL SWITCH/CHANGE OF AGENT/STOP/MICRO OR ID REVIEW

SOURCE/INFECTION	1 ST LINE	2 ND LINE USE IF 1 ST LINE CONTRAINDICATED
UNKNOWN CAUSE		UNKNOWN CAUSE
IF TOXIC SHOCK SYNDROME SUSPECTED DISCUSS WITH MICRO/ID	PIPERACILLIN-TAZOBACTAM + GENTAMICIN	METRONIDAZOLE + TEICOPLANIN + GENTAMICIN
CNS - MENINGITIS		MENINGITIS
	CEFTRIAXONE	CHLORAMPHENICOL 25 mg/kg QDS
<i>IF >55 YEARS OR IMMUNOCOMPROMISED</i>	ADD AMOXICILLIN	CO-TRIMOXAZOLE 120 MG/KG/24 HOURS [IN 2 – 4 DIVIDED DOSES]
<i>IF PREGNANT</i>	ADD AMOXICILLIN	DISCUSS WITH MICROBIOLOGY OR ID
LUNG		LUNG
PNEUMONIA <i>COMMUNITY</i>	CO-AMOXICLAV + CLARITHROMYCIN <i>IF MRSA</i> + ADD TEICOPLANIN	LEVOFLOXACIN <i>IF MRSA</i> + ADD TEICOPLANIN
ASPIRATION PNEUMONIA <i>COMMUNITY</i>	AMOXICILLIN + METRONIDAZOLE + GENTAMICIN <i>IF MRSA</i> + ADD TEICOPLANIN	LEVOFLOXACIN + METRONIDAZOLE <i>IF MRSA</i> + ADD TEICOPLANIN
ASPIRATION PNEUMONIA <i>INPATIENT > 4 DAYS OR FROM NH</i>	AMOXICILLIN + TEMOCILLIN + METRONIDAZOLE + GENTAMICIN <i>IF MRSA</i> + STOP AMOXICILLIN & ADD TEICOPLANIN	LEVOFLOXACIN + METRONIDAZOLE + GENTAMICIN <i>IF MRSA</i> + ADD TEICOPLANIN
ABDOMEN		ABDOMEN
BILIARY SEPSIS	CO-AMOXICLAV + TEMOCILLIN + GENTAMICIN <i>IF MRSA</i> + ADD TEICOPLANIN	GENTAMICIN + CIPROFLOXACIN <i>IF MRSA</i> + ADD TEICOPLANIN IF BILIARY OBSTRUCTION ADD METRONIDAZOLE
NON BILIARY	CO-AMOXICLAV + TEMOCILLIN + GENTAMICIN <i>IF MRSA</i> + ADD TEICOPLANIN	METRONIDAZOLE + GENTAMICIN <i>IF MRSA</i> + ADD TEICOPLANIN
SKIN - CELLULITIS		CELLULITIS
	FLUCLOXACILLIN <i>IF MRSA</i> + PRESCRIBE TEICOPLANIN [DO NOT PRESCRIBE FLUCLOXACILLIN]	TEICOPLANIN
URINARY - UTI SEPSIS & PYELONEPHRITIS		UTI SEPSIS & PYELONEPHRITIS
	GENTAMICIN	TEMOCILLIN
NEUTROPENIC SEPSIS		NEUTROPENIC SEPSIS
	PIPERACILLIN-TAZOBACTAM QDS	TEICOPLANIN + CIPROFLOXACIN <i>IF ANAEROBIC SEPSIS SUSPECTED</i> ADD METRONIDAZOLE
	ADD AMIKACIN if Clinically unstable (hypotension unresponsive to fluid resuscitation) OR Overseas patient OR Patient has had treatment outside the UK in the last 12 months OR History of piperacillin/tazobactam resistant Gram negative organisms or ciprofloxacin resistant Gram negative organisms	

PRESCRIBE AMIKACIN ON BLUE AMIKACIN STICKER & PRESCRIBE GENTAMICIN ON YELLOW GENTAMICIN STICKER - USE CORRECTED BODY WEIGHT
REFER TO BNF & MICROGUIDE FOR DOSES IN PATIENTS WITH RENAL OR LIVER IMPAIRMENT OR CONTACT ONCALL PHARMACIST VIA SWITCHBOARD