

* The survey items permission and acknowledgment: see last page

Date: ____ \ ____ \ 20 ____ Date of admission: ____ \ ____ \ 20 ____ Duration of admission: ____ Days

Department:

Ward type			No. of beds	Total No. of patients
Surgical	Medical	ICU		

Mode of payment:	Self-funded <input type="checkbox"/>	MUH <input type="checkbox"/>	Insurance <input type="checkbox"/>
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Patient #	Age	Sex	Living situation		
			low	Medium	High

Allergies history		If Yes to which Drug
Yes	No	

Diagnosis				
Other conditions	DM	HTN	Hepatic	Renal

Indication of antibiotic	<u>Infection</u>	<u>Prophylaxis</u>

1. If the indication is infection:

Community-acquired < 48 h of admission	Hospital-acquired > 48 h of admission
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Anatomical site of infection	Respiratory	Intra-abdominal	UT
	Gynecology	Skin, Bone, Joint (SBJ)	
	ENT	Cardiac	CNS
	Undefined		

Is the infection verified	Yes	culture	imaging	laboratory	pus
	No				

2. If the indication is Prophylaxis: Name the indication for antimicrobial prophylaxis

Surgical	Medical
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For patients undergoing a surgical procedure:

Type of the operation	Elective	Emergency	
Timing of the first dose of prophylactic antibiotic to the day of the incision	Day before	Same day	After Incision
Duration of prophylactic antibiotic (day)	< 24 hrs.	= 24 hrs.	> 24 hrs.

Liver function	compensated	Not compensated
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Used to determine appropriate drug dosing concerning e.GFR	
S. creatinine mg\dl	
e.GFR (ckd epi formula) ml\min\1.75m ²	

No. of antibiotics used	One	Two	Three	more
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Antibiotics Group	Antibiotics Name	Antibiotics regimen (__ (g.) mg _ hour)	Dosage form		Duration (Days)
			Oral	IV	
			Oral	IV	
			Oral	IV	
			Oral	IV	
			Oral	IV	
			Oral	IV	

Is there antibiotic switching		If yes, was it based on cultural results?	
Yes	No	Yes	No

Penicillin	<p>Natural penicillins</p> <ul style="list-style-type: none"> • Penicillin G (Benzylpenicillin) • Penicillin V <p>Antistaphylococcal penicillins (penicillinase-resistant penicillins)</p> <ul style="list-style-type: none"> • Cloxacillin • Dicloxacillin • Oxacillin <p>Aminopenicillins ± B-lactamase inhibitor</p> <ul style="list-style-type: none"> • Ampicillin (Unasyn) • Amoxicillin (Augmentin) <p>Extended-spectrum penicillins: (Antipseudomonals)</p> <ul style="list-style-type: none"> • Carbenicillin • Ticarcillin • Piperacillin
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Carbapenems	Meropenem Imipenem
Cephalosporin	1 st generation <ul style="list-style-type: none"> • Cefadroxil • Cephalexin • Cephadrine
	2 nd generation <ul style="list-style-type: none"> • Cefuroxime • Cefoxitin • Cefprozil • Cefaclor
	3 rd generation <ul style="list-style-type: none"> • Ceftriaxone • Ceftazidime • Cefoperazone • Cefotaxime
	4 th generation Cefepime (Maxipeme, Pimfast, Wincef)
Monobactam	Aztreonam
Glycopeptides	<ul style="list-style-type: none"> • Vancomycin • Teicoplanin (Targocid)
aminoglycosides	<ul style="list-style-type: none"> • Gentamycin • Neomycin • Amikacin • Tobramycin
Tetracycline	<ul style="list-style-type: none"> • Doxycycline • Tetracyclin • Tigecycline
Oxazolidonones :	Linezolid
Macrolides	<ul style="list-style-type: none"> • Erythromycin • Azithromycin • Clarithromycin
lincosamides	<ul style="list-style-type: none"> • Clindamycin • Lincomycin
Fluroquinolone	<ul style="list-style-type: none"> • Ciprofloxacin • Levofloxacin
Sulfonamides	Sulfamethoxazole + trimethoprim (Cotrimoxazole) Sulfasalazine
Metronidazole	
Azole derivatives	<ul style="list-style-type: none"> • Fluconazole • Itraconazole • Voriconazole

Other medications for possible drug-drug interactions

Drug Group	Drug Name	Drug regimen (__ (g.) mg _ hour)	Dosage form			Duration	
			oral	IV	SC	Temporary	Chronic

Regarding drug-drug interactions, we will stress the following list:

Enzyme inducers	Enzyme inhibitors	Drugs with a narrow therapeutic index
Rifampicin Phenobarbitone Phenytoin Carbamazepine Cigarette smoking Sulphonylureas Griseofulvin	Sodium valproate Isoniazid Cimetidine Ketoconazole, Fluconazole Chloramphenicol Erythromycin Sulfonamides Ciprofloxacin Omeprazole Metronidazole	Digoxin Phenytoin Theophylline Warfarin

*** Acknowledgement and reference:**

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