

Article



Incidence of Cholangitis and Sepsis Associated with Percutaneous Transhepatic Cholangiography in Pediatric Liver Transplant Recipients

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Antibiotic					Germs Isolate	d			
Susceptibility rate (%)	Enterococcus faecium N 15	Pseudomonas aeruginosa N 10	Escherichia coli N 5	Klebsiella pneumoniae N 4	Staphylococ- cus aureus N 2	Enterobacter aerogenes N 2	Enterococcus faecalis N 2	Enterobacter cloacae N 1	Acinetobacter baumanii N 1
Ampicillin	1/15 (7%)	0/10 (0%)	0/4 (0%)	0/4 (0%)	0/2 (0%)	0/2 (0%)	2/2 (100%)	0/1 (0%)	0/1 (0%)
Ampicillin- sulbactam	_	0/10 (0%)	1/5 (20%)	0/4 (0%)	2/2 (100%)	0/2 (0%)	_	0/1 (0%)	0/1 (0%)
Penicillin G	0/15 (0%)	_	—	_	0/2 (0%)	_	0/2 (0%)	_	_
Piperacillin- Tazobactam	—	5/10 (50%)	3/5 (60%)	0/4 (0%)		0/2 (0%)	—	0/1 (0%)	_
Oxacyllin	_	_	_	_	2/2 (100%)	_	—	_	_
Cefotaxime	-	0/10 (0%)	0/5 (0%)	0/4 (0%)		0/2 (0%)	-	-	-
Cefuroxime	0/15 (0%)	_	_						
Gentamycin	0/3 (0%)	10/10 (100%)	3/5 (60%)	0/4 (0%)	2/2 (100%)	2/2 (100%)	2/2 (100%)	1/1 (100%)	1/1 (100%)
Cotrimoxa- zole	_	0/10 (0%)	2/5 (40%)	0/4 (0%)	2/2 (100%)	2/2 (100%)	_	1/1 (100%)	-
Ciprofloxacin	-	5/10 (50%)	2/5 (40%)	0/4 (0%)	-	1/2 (50%)	—	1/1 (100%)	0/1 (0%)
Amikacin	_	_	1/2 (50%)	4/4 (100%)	_	_	_	_	1/1 (100%)
Imipenem	0/15 (0%)	_	2/2 (100%)	2/4 (50%)	-	-	1/2 (50%)	-	_
Meropenem	_	_	3/3 (100%)	4/4 (100%)	-	2/2 (100%)	_	-	1/1 (100%)
Ertapenem	-	0/10 (0%)	2/2 (100%)	2/4 (50%)	-	1/2 (50%)	-	0/1 (0%)	0/1 (0%)
Cefepime	-	-	0/3 (0%)	0/4 (0%)	-	-	-	-	0/1 (0%)
Colistin	-	2/2 (100%)	1/1 (100%)	-	-	-	-	-	_
Ceftazidime	-	10/10 (100%)	-	0/4 (0%)	-	0/2 (0%)	-	0/1 (0%)	_
Tigecycline	2/3 (33%)	0/10 (0%)	1/1 (100%)	2/4 (50%)	-	-	-	_	—
Fosfomycin	_	_	1/1 (100%)	2/4 (50%)	_	_	1/2 (50%)	_	0/1 (0%)
Chloram- phenicol	—	0/10 (0%)	-	—	—	—	-	-	0/1 (0%)
Doripenem	_	_	-	2/4 (50%)	—	—	-	_	_
Streptomycin	1/4 (25%)	-	-	-	-	-	2/2 (100%)	-	_
Erythromycin	0/15 (0%)	-	-	-	2/2 (100%)	-	0/2 (0%)	-	_
Clindamycin	0/15 (0%)	-	-	-	2/2 (100%)	-	0/2 (0%)	-	_
Vancomycin	12/15 (80%)	-	-	-	2/2 (100%)	-	2/2 (100%)	-	_
Linezolid	4/4 (100%)	_	—	-	-	-	1/2 (50%)	_	_
Levofloxacin	-	-	-	-	2/2 (100%)	-	-	-	_
Teicoplanin	1/2 (50%)	—	—	_	_	_	-	-	_
VRE	3/15	—	—	_	_		-	-	_
ESBL	-	_	2/15	2/4	-	2/2	-	1/1	_

Car-	C							
	Car-							
bapenemase – – 1/15 – – – – – – –	bapenemase	 1/15	_	-	-	—	_	—
Producing	Producing							

-: not tested, VRE: vancomycin-resistant Enterococcus sp.; ESBL: extended-spectrum beta-lactamase.