

QUESTION How often did we deviate from our pediatric liver transplant surgical prophylaxis protocol? Did these deviations correlate with a surgical site infection (SSI) within 30 days post-liver transplant?



Marshall NP, Foster CB, Arakoni V, Hashimoto K, Radhakrishnan K, and Gonzalez BE. Surgical Prophylaxis in Pediatric Liver Transplant Recipients: Variations in Protocol and Impact on 30-Day Surgical Site Infections. Poster presented at: Pediatric HAI Epidemiology and Prevention — IDWeek. 2022 Oct 22; Washington, DC.

Surgical Prophylaxis in Pediatric Liver Transplant Recipients: Variations in Protocol and Impact on 30-Day Surgical Site Infections

CONCLUSION Deviations in the pediatric liver transplant surgical prophylaxis protocol occurred in 38% of transplants. However, deviations from protocol did not correlate with subsequent SSIs.

VARIATIONS IN PROTOCOL



ult	Deviation	Surgical Prophylaxis	SSI — Organism
		Piperacillin-tazobactam + Vancomycin	VRE
		Piperacillin-tazobactam + Vancomycin + Fluconazole	E. cloacae ^R
		Ampicillin-sulbactam	Septate hyphae ^R
		Ciprofloxacin + Vancomycin	C. albicans ^R , E. coli ^R , VRE
		Ampicillin-sulbactam	K. oxytoca ^R
		Piperacillin-tazobactam	S. parasanguinis ^R
	1	Piperacillin-tazobactam	C. albicans ^s and E. faecalis ^R
	1	Ampicillin-sulbactam	E. coli ^R + P. aeruginosa ^R
		Piperacillin-tazobactam + Vancomycin	E. cloacae ^R
	1	Ampicillin-sulbactam	E. cloacae ^R

SSI rates did NOT differ in those with (n=5) and without (n=5) deviations in protocol (p=0.49)



