

Table 3. Analysis of risk factors of premature catheter removal in pediatric patients with solid tumors

	Non-premature removal (n=135)	Premature removal (n=9)	P value
Age at the time of insertions (mean±SD)	1.1±0.7 y	1.4±0.9 y	0.338
Birth weight (mean±SD)	3357.1±411.86g	3527.8±304.3g	0.224
Male sex	49.3%	38.5%	0.695
TIVAP indwelling time (mean±SD)	202.8±102.6 d	118.5 ± 70.6 d	0.016
BMI at the time of insertion (mean±SD)	16.6±2.0	16.5±1.8	0.870
Time of operation (mean±SD)	73.0±79.7 min	82.2±93.7 min	0.741
Diagnosis			0.356
Neuroblastoma	53	4	
Hepatoblastoma	42	1	
Sarcoma	20	2	
Yolk sac tumor	8	2	
Wilms' tumor	8	0	
Others	4	0	

SD=standard deviation; y=years; g=grams; d=days; TIVAP=totally implantable venous access port;

BMI=body mass index