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	AIM	METHOD					
Comparison of pediatric patients' and and administered drugs by anesthesic pain on pediatric patients.	algesic needs and effects of performed met logist or relevant departments for prospec	Age, gender, height, weight, co-morbidities, type of surgery, contents of postoperative ve analgesic, dose of analgesic and duration of the operation of each case were recorded on the follow-up form by the anesthetist who was present in the operation room. Used CHEOPS values					
Demographic Variabiles	Mean ± std (min-max)	according to the patients age, VAS and versial pain scale, dosage and auration of additional					
Years old (mean/month)	53,8 ± 42,40 (2-168)	analysis, it any needed, were recorded for each case by the neise in the recovery form and the service nerse after the patients' were discharged to the service department. Patients with					
Height(cm)	91.04 ± 26.82 (47-150)	all the relevant information available were included in the investigation where patients with					
Weight (kg)	18.66 ± 11.25 (3 -58)	missing data and over 14 years old are excluded from the investigation.					
Gender (M/F)	123/42						
Operation duration (min.)	58.72 ± 45.18 (15-280)						
		RESULTS					

56 patients were administered parenteral analgesic who went under surgery with general anesthesia where 109 patients went under surgery with regional anaesthesia. We determined the pain scores, KAH and SpO2 values of all patients did not change and are similar to each other by looking at the recovery room data for first 15 minutes. As regional anesthesia patients had postoperative data available, the postoperative analysic activities of these patients are compared according to the drug contents. We determined that during the postoperative period the additional analgesic necessity is lower and analgesic effects are longer in groups where morphine and neostigmine were added to the local anesthetic as adjuvant on intraoperative regional anesthesia applications.

					_		Demographic variables		Gruop B	Group BM	Gruop BN	р
D	(8/)	Varaiables		Mean±sd			Verne (9/)	. 1	(n=45)	(n=29)	(1=35)	-
Drugs	n (%)	Heart rate/	5.min	122.94±29.95	1		rears (76) Imonu	riyear	14 (7631,1)	5 (7017,2)	10 (%45,7)	
Para ceta mol	50 (%30.3)		10 min	123 16+28 11			.	1-4 year	20 (%44,4)	9 (%31,0)	9 (%25,7)	
Tra ma dol	4 (%2,42)		15.min	123,15±28,27	Using Pain Scales	n (%	7 years	4-/year and upper	4 (%8,9) 7 (%15,6)	8 (%27,6)	5 (%15,3)	
Paracetamol+Tramadol	3 (%1.81)	SnO2	5.min	96.87±2.02	CHEOPS	89 (%53,93)	Gender n (%)	Male	43 (%95,6)	24 (%82,8)	27 (%77,1)	
Aldelen	1 (9/0.06)	~r ~-	10 min	97 43+1 74	(1month-4 year)			Female	2 (%4,4)	5 (%17,2)	8 (%22,9)	-
Auoian	1 (%0,00)		15 min	07.61 1.65	VAS(face)(A, 7ycar)	40 (%24 24)	Weight (kg) (25-75)		13 (8-18)	15 (11-24)	13 (8-20)	0,145
Using drugs only one does			15.mm	97,61±1,65	VAS (lace) (4-7 year)	40(7624,24)	Height (cm) mean±sd		83,75±24,785	101,31±25,649	87,69±25,226	0,014
o sing urugs only one uose		CHEOPS	5.min	6,88±2,22	Verbal Pain Scale (VPS)	36 (%21.81)	Operation duration (min)		40 (20-57,5)	60 (60-90)	60 (45-100)	<0,001
in caudalanaigesia			10.min	7,26±2,23	(7-14 year)	00(/021,01)	First analgesic requirement time (min	a) (25-75)	180 (60-180)	360 (180-360)	360 (270-720)	0,005
Bupivacain	45 (%27,27)		15.Min	6,82±2,04	Table 2. Using Dain Carles		First k analysic requirement (%)	Yes	20 (%44.4)	7 (%24.1)	5 (%14.3)	
Bupivacain+Morfin	29 (%17.57)	VAS (face)	5.min	$4.80 \pm 2.16$	able 5: Using Pain Scales		····· · · ····	No	25(%55.6)	22(%75.9)	30(%85.7)	0,010
Bupiv a ca in+N eo stig min	35 (%21 21)		10.min	4.55±2.30			Add disease n(%)	Yes	5 (%11.1)	5(%17.2)	3 (%8.6)	
	55(/021,21)	,	15.min	4,80±2,67				No	40 (%88,9)	24 (%82,8)	32 (%91,4)	0,611
Table 1: Using drugs in the		VPS	5.min	1.38±0.68			CHEOPS Pain Scale (%)		34 (%75,6)	15 (%51,7)	25 %71,4)	0,087
operation theatre		10.1	10.min	$1.52 \pm 0.69$			VAS (face) Scale n(%)		5 (%11,1)	7 (%24,1)	5 (%14,3)	0,310
· F · · · · · · · · · · · · · · · · · ·			15.min	1,50±0,69			VPS (%)		6 (%13,3)	7 (%24,1)	5 (%14,3)	0,432
		Table 2. Var	iables in d	h a Da ata nana tiva	-		Table 4. Domographia	wawiah	log in the De	gianal Cuanna		

Table 2: Variables in the Postoperative Care Units

Tablo 4: Demographic variables in the Regional Groups B: Bupivacaine,BM: Bupivacaine+Morfin,BN: Bupivacaine+Neostigmine

Despite the type and dose of the parenteral analgesic we administered as postoperative analgesic was sufficient, due to the lack of long term follow-up data the analgesic activities could not be determined and we believe further studies shall be carried out regarding this subject. Addition of adjuvant to the local anesthetic according to the type of operation in paediatric urology and abdominal surgeries both increases the effective period of analgesic and also reduces the need of an additional analgesic.

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