

Date 19/3/92
Operation funduplicate

morphine
30 ml 12hs
per day.

Sedation Score; (1=crying/upset 2=awake/settled
3=drowsy/rousable 4=drowsy/unrousable)

NO PAIN

AS - ROYAL

OSI-004-014

Name Adam Strain Date 17/1/94
Hosp No 364337 DOB 4/4/91 Operation fundoplication

RECORD SHEET: Morphine Infusion/ Morphine PCAS/ Epidural

Time	Volume Infused	Total Infused	Pulse Temp	Temp Pulse	BP Kasp	Pain Score	Sedation Score
6pm	1.5	13.5	38.4	140	50		1
7pm	1.5	15	38.5				
8pm	4.5	19.5	37.3	138	48		
9pm							
10pm		22	37	120	60		2
12mid			38.5	124	52		
2pm			38.5	140	60		
4pm							
6pm	1.0	44	38.2	122	52		
8pm	1.0	45					
10pm	1.0	46					
12mid	1.0	47					
2pm	1.0	48					
4pm	1.0	49					
6pm	1.0	50					
8pm	1.0	51					
10pm	1.0	52					
12mid	1.0	53					
2pm	1.0	54					
4pm	1.0	55					
6pm	1.0	56					
8pm	1.0	57					
10pm	1.0	58					
12mid	1.0	59					
2pm	1.0	60					
4pm	1.0	61					
6pm	1.0	62					
8pm	1.0	63					
10pm	1.0	64					
12mid	1.0	65					
2pm	1.0	66					
4pm	1.0	67					
6pm	1.0	68					
8pm	1.0	69					
10pm	1.0	70					
12mid	1.0	71					
2pm	1.0	72					
4pm	1.0	73					
6pm	1.0	74					
8pm	1.0	75					
10pm	1.0	76					
12mid	1.0	77					
2pm	1.0	78					
4pm	1.0	79					
6pm	1.0	80					
8pm	1.0	81					
10pm	1.0	82					
12mid	1.0	83					
2pm	1.0	84					
4pm	1.0	85					
6pm	1.0	86					
8pm	1.0	87					
10pm	1.0	88					
12mid	1.0	89					
2pm	1.0	90					
4pm	1.0	91					
6pm	1.0	92					
8pm	1.0	93					
10pm	1.0	94					
12mid	1.0	95					
2pm	1.0	96					
4pm	1.0	97					
6pm	1.0	98					
8pm	1.0	99					
10pm	1.0	100					
12mid	1.0	101					
2pm	1.0	102					
4pm	1.0	103					
6pm	1.0	104					
8pm	1.0	105					
10pm	1.0	106					
12mid	1.0	107					
2pm	1.0	108					
4pm	1.0	109					
6pm	1.0	110					
8pm	1.0	111					
10pm	1.0	112					
12mid	1.0	113					
2pm	1.0	114					
4pm	1.0	115					
6pm	1.0	116					
8pm	1.0	117					
10pm	1.0	118					
12mid	1.0	119					
2pm	1.0	120					
4pm	1.0	121					
6pm	1.0	122					
8pm	1.0	123					
10pm	1.0	124					
12mid	1.0	125					
2pm	1.0	126					
4pm	1.0	127					
6pm	1.0	128					
8pm	1.0	129					
10pm	1.0	130					
12mid	1.0	131					
2pm	1.0	132					
4pm	1.0	133					
6pm	1.0	134					
8pm	1.0	135					
10pm	1.0	136					
12mid	1.0	137					
2pm	1.0	138					
4pm	1.0	139					
6pm	1.0	140					
8pm	1.0	141					
10pm	1.0	142					
12mid	1.0	143					
2pm	1.0	144					
4pm	1.0	145					
6pm	1.0	146					
8pm	1.0	147					
10pm	1.0	148					
12mid	1.0	149					
2pm	1.0	150					
4pm	1.0	151					
6pm	1.0	152					
8pm	1.0	153					
10pm	1.0	154					
12mid	1.0	155					
2pm	1.0	156					
4pm	1.0	157					
6pm	1.0	158					
8pm	1.0	159					
10pm	1.0	160					
12mid	1.0	161					
2pm	1.0	162					
4pm	1.0	163					
6pm	1.0	164					
8pm	1.0	165					
10pm	1.0	166					
12mid	1.0	167					
2pm	1.0	168					
4pm	1.0	169					
6pm	1.0	170					
8pm	1.0	171					
10pm	1.0	172					
12mid	1.0	173					
2pm	1.0	174					
4pm	1.0	175					
6pm	1.0	176					
8pm	1.0	177					
10pm	1.0	178					
12mid	1.0	179					
2pm	1.0	180					
4pm	1.0	181					
6pm	1.0	182					
8pm	1.0	183					
10pm	1.0	184					
12mid	1.0	185					
2pm	1.0	186					
4pm	1.0	187					
6pm	1.0	188					
8pm	1.0	189					
10pm	1.0	190					
12mid	1.0	191					
2pm	1.0	192					
4pm	1.0	193					
6pm	1.0	194					
8pm	1.0	195					
10pm	1.0	196					
12mid	1.0	197					
2pm	1.0	198					
4pm	1.0	199					
6pm	1.0	200					

Sedation Score: (1=crying/upset 2=awake/settled
3=drowsy/rousable 4=drowsy/unrousable)

Pain Score (0-10)

PROTOCOL FOR MORPHINE INFUSION

Morphine infusion is the standard analgesia especially for preschool children, not old enough to manage PCAS. A standard Morphine infusion is:

1. Morphine Bolus (100 mcg/kg) given in theatre.
2. 0.5 mg/kg morphine in 500 mls, (10 ml/hr=10 mcg/kg/hr)

PROTOCOL FOR PATIENT CONTROLLED ANALGESIA (PCAS)

PCAS is a safe and effective method of managing acute pain using a programmable syringe pump which allows each patient to administer their own morphine analgesia. A standard PCA regimen dose is:

1. Morphine Bolus (100 mcg/kg) given in theatre.
1. 0.6 mg/kg morphine in 30 mls, (1 ml/hr=10 mcg/kg/hr)
2. PCA Bolus 20 mcg/kg (1 mls) given stat.
3. Lockout interval 10 minutes.
4. Background rate 10 mcg/kg/hour (0.5 ml/hr)

PROTOCOL FOR EPIDURAL INFUSION

Prescription of Epidural Infusion:

The epidural will be sited aseptically and covered with bio-occlusive dressing. The site should be inspected 24 hourly.

1. The standard dose is 1.5-2.0 ml/hr of 0.2% bupivacaine and 0.1% fentanyl in 50 ml syringe.
2. 0.2 mls/kg given 10 minutes before surgery.
3. Infusion rate 0.15 mls/kg/hour
4. Infusion dose increased by 10-20% of initial. (Maximum rate of 0.2 ml/kg/hr.)

Observations:

1. TPR & BP initially every 15 minutes then hourly.
2. The syringe setting and dose to be checked hourly.
3. Syringe changes will be the responsibility of the prescribing anaesthetist; CALL if problems.

Problems:

If respiratory rate < 10/minute; OR BP < 70 mmHg

1. STOP infusion
2. Call Doctor
3. Manage airway/breathing etc. (ie. RESUSCITATE)
4. Give Naloxone 0.01 mg/kg i.v.
5. Prepare to give HPPF 10 mls/kg

Name Adam STRAIN
Hosp No _____ DOB _____

Date 16/3/12
Operation FUNERAL

RECORD SHEET: Morphine Infusion/ Morphine PCAS/ Epidural MARCTAN Rev

Morphine Bolus _____ mg Time _____ Infusion Dose 2 mg/h

Time	Hourly Volume	Total Infused	Temp	Pulse	Resp	BP	Pain Score	Sedation Score
12 ⁰⁰	2mls	2mls					2	2
13 ⁰⁰	2mls	4mls	37.5	173	48	64/28	0	3
14 ⁰⁰	2mls	6mls	37.5	165	51	87/36	0	2
15 ⁰⁰	2mls	8mls	37.8	123	42	96/35	0	3
16 ⁰⁰	2mls	10mls	37.8	131	40	96/35	0	3
17 ⁰⁰	2mls	12mls	37.6	141	46	98/35	0	3
18 ⁰⁰	2mls	14mls	37.6	141	46	98/35	0	3
70392 0500	2mls	2mls	37°	48	35			
0600	2.2mls	39		124	35			2
0700	2.2mls	42	37°	153	38	117/35	—	1
0800	2.2mls	44	37	152	50			1
0900	2.2mls	2	37	135	45		0	3
1000	2.0mls	4	36.9	148	48			1
1100	1.5	5.5	37'	153	49			1
12 ⁰⁰	1.5	7.0	37 ⁵	152	56			1
1	1.5	8.5						3
* 2	1.5	10.0	37 ⁷	124	40			3
3	1.5	11.5						3
* 4	1.5	13.0	37	156	50			1
5	1.5	14.5						3

Sedation Score; (1=crying/upset 2=awake/settled
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Pain Score (0-10 cm)

AS - ROYAL

051-004-016