

How to prescribe intravenous medicine infusions

On a medicines kardex and/or daily fluid balance & prescription sheet

1 Intermittent Infusions – this is the administration of an infusion over a set time period, either as a one-off dose or repeated at specific time intervals e.g. ciprofloxacin

Applicable to any medicine that is administered as an intermittent infusion, which may be:

- a pre-prepared infusion e.g. ciprofloxacin, metronidazole
- an infusion prepared in the clinical area either by further diluting a smaller volume e.g. clindamycin or by first reconstituting a dry powder and then further diluting e.g. vancomycin or clarithromycin

Documentation:

- prescribed on the kardex as shown below
- administration of dose recorded on kardex
- administration of infusion volume on the front page (fluid balance administration record) as shown below
- it is not necessary to prescribe on back page (fluid prescription)

Example: Ciprofloxacin (see below)



	ORA	L FLUID			Winches	in sealar	INT	RAVEN	OUS FL	UIDAN	EDICIN	ES*		
	ORAL		ENTI	ERAL	-menue			o meorei	1		1		Hourty	
	Fluid Type			Type	Fluid	Туре	Fluid	Туре	Fluie	Type	Flui	і Туря	Amayne	
	Amount	Total	Amount	Total	Amount	Total	Amount		Amount	Total	Amount	Total	114	214
08.00										1			-	1000
09.00		1	Ensu	re						1.0.0				
10.00		1000	40								Ciprof	brocin		1.000
11.00			40						1000	1.1.1.1.1.1	200		1200	1.20
12.00		1.	40						14					
13.00			40											1000
14.00			40											1000
15.00			40						- 100 M	-				1000
16.00			40											
17.00			40							100000		Contraction of the		
18.00			40							120100				
19.00			40						1 martin	1			and the second	
20.00			40							1		Section 1	10000	1000
21.00												1.111	1000	1000
22.00			Sec. 1						1000	1000	Ciam	Juxacia		
23.00										Sec. 20	200	-		
24.00		10000								Sec. Sec.		1000		
00.10											1000	1463		
32.00		1000000	1000		10000				1000	Section 20		100000		
03.00									10000	123		10000		
4.00										-		1000000		
5.00		1								Sec. 1		1		
6.00	and the second s			-						1	-	- California	1000	
7.00									-			1		
_					_	_	-	-	-	-	-	-	-	
4'00														

If feasible:

Record all IV medicines (e.g. paracetamol, antibiotics) in the one column such as the one indicated **2. Continuous Infusions** – this is the intravenous administration of a volume of fluid with medicines added over 24 hours or a number of hours to achieve a clinical endpoint. Large or small volumes may be delivered continuously e.g. amiodarone, heparin, dopamine

Documentation:

- prescribed on fluid balance prescription chart as shown below
- prescription referenced on the kardex as shown below (but do not include any dose details)
 e.g. 'Dopamine see fluid prescription'
- administration documented on the front and back page of the 'daily fluid balance and prescription'

DOPAMI	NE - Se	e Fluid	Pres	cription	Start date	0600
Dose		Route		uency	Stop date	1000
Special instructio	ns/Indication		-		Signature	1200
Mec	licines Reconc	iliation (circ	le)		Supply	1400
Pre-admission dose	Increased	Decrea	sed	(New)		1800
Sign A. Deca Print A. ODC		Prof. no. Bleep	1236		Pharmacist	2200
Print A. Ooc	TER	Blocp	1731	F		55-

	Date	Time	Volume	Infusion Fluid/Type	Additives *	Rate ml/hour Range	Prescriber's Signature
P	1/1/14	0900		3 Sodium Chloride 0.9%	DOPAMINE 400mg	20ml/hr	A. Docker,
				6		a start of the second start of the	

	ORA	L FLUID			*Includ	e volume	INT of infused	RAVEN medicin	OUS FLU	ID & M	EDICIN	ES*		
	ORAL		ENT	RAL	Nol		New. 2		Na.3		- No.		Hourly	Grand
	Fluid Type		Fluid	Туре	Fluid		Fluid		Fluid			Туре	Amount	Total
	Amount	Total	Amount	Total	Amount	Total	Amount	Total	Amount	Total	Amount	Total		
08.00		1000						2	10000					
09.00											Dopa	mine		1000
10.00			Part and								20			
11.00											20		1	
12.00					Section 2						20			-
13.00											20			
14.00		10000		-							20	Seat 1		
15.00											20	1		
6.00										882	20	10000		
7.00		-					11.2	10000			20	122		
8.00		-									20			
9.00			-				-			-	20	-		
20.00		-		-							20			-
												1		
21.00								-			20		-	-
2.00								-		-	-	-	-	-
23.00		-	-		-		-		-			-		-
4.00								100 miles	-	-	-	-	-	-
00.10				Carlos Martin		1	1			1000	-	1	-	
2.00			-		-				1000					
					and the second	1000	Constanting of the				and the second	of the local division of the local divisiono		
5.00					-									

3. Prescriptions for electrolyte replacement / treatment e.g. magnesium, phosphate, potassium

Applicable to electrolyte replacement or treatment

Documentation:

- prescribed on fluid balance prescription chart as shown below
- referenced on the kardex as shown below e.g. 'Magnesium see fluid prescription'
- administration documented on the front and back page of the 'daily fluid balance and prescription'

MAGNESI	IM - See	Fluid :	resc	ription	1/1/14	0600	
Dose		Route		uency	Stop date	1000	
Special instruction	ns/Indication		-		Signature	1200	
Med	icines Reconc	iliation (circ	(e)		Supply	1400	
Pre-admission dose	Increased dose	Decreas	sed	New		1800	
Sign A. Dar	e	Prof. no.	111	1	Pharmacist		
Print A. OOC	TOR	Bleep	123	4		2200	
Print A. Ooc		Bleep	123	rt		2200	

*	Date	Time	Volume	Infusion Fluid/Type	Additives *	Rate milliour Range	Prescriber's Signature
P	1/14	0900	100-1	Section Chloride 0.9%	MAGNESIUM 29 (Smad	100ml/hr	A. Qechr.
	10000			6			

1000	ORA	L FLUID			*Includ	e volume	INT of infused		OUS FLU	ID & M	EDICINE	S*		
	ORAL		ENTE	RAL	These I	Sice	No.2	Sice	No.3		No.3		Hourly	Grand
	Fluid Type		Fluid		Fluid	Туре	Fluid		Fluid		Fluid		Amount	Total
	Amount	Total	Amount	Total	Amount	Total	Amount	Total	Amount	Total	Amount	Total		
08.00					Constanting of						-		a starting	
09.00	a second second		and the second		- Carlos					Balline 1	Magne	sium		1
10.00		1 Carlotter	1000		-					-	100			-
11.00		- Charles							10000				and a	-
12.00		1000										175371854		100
13.00					100									
14.00														
5.00			10000											
6.00					33									
7.00					Distances i				S. S. Starter					
8.00					in the second				10000	1		10000		
9.00		- COLUMN										2000		
0.00	and the state of the													
21.00		1000000			1 million	2.20								
2.00		-								1.060		Contraction of		
3.00		10000			1000			1000000						
4.00	and the second second		10000		1000					1.00				
00						-				1000000		The second		
100		_			_		_	-	_	_				
					-									

4. IV fluid infusions to replace fluids e.g. sodium chloride 0.9%, Hartmann's solution, glucose 5%

Applicable to intravenous fluid replacement.

Documentation:

- prescribed on the fluid balance prescription
- administration on the front page (fluid balance administration record)
- It is not necessary to prescribe or reference on medicine kardex

1	Date	Time	Volume	Infusion Fluid/Type	Additives *	Rate ml/hour Range	Prescriber's Signature
7 1	11/14	0900	1000	3 Socium Chloride 6.9%		83 mi / h-	A. Dector.
				6			

			FLUI	DINI	PUT (I	ml)				- milere				
	OR	AL FLUID	,		*Inclu	de volume	INT e of infuse	d medici	OUS FLU	JID & M	EDICINE	S*		
	ORAL		ENT	ERAL	No	ESice	1.1.50.2		19903	Sire	15004	Steel	Hourly	Grand
	Fluid Type			Туре		d Type	Fluid		Fluid		Fluid	Туре	Amount	Total
08.00	Amount	Total	Amount	Total	Amount	Total	Amount	Total	Amount	Total	Amount	Total	IN	114
09.00					-									
					250	tium Cl	kide 0.	9%					-	
10.00		_			83									
11.00					83	120.33								1
12.00					83									
13.00					83									
14.00		-			83									
15.00					83									
16.00					83									
17.00					83				1					
18.00					83		1000							
19.00					83				5.5.1.					
20.00	and the second second				83									
21.00					83									
22.00		0.000			0.2	1000		-					-	
23.00														
24.00							-							
01.00		-						-					-	
2.00						-								
.00									-		-			
500														
1.00														

All 'significant' fluid volumes must be recorded in the 'fluid intake' section of the daily fluid balance chart. What constitutes 'significant':

- Adults record any volume equal to or greater than 50ml
- Adults those on a strict fluid management regime record all volumes (unless local ward / unit protocol advises otherwise)
- Children up to 16th birthday record all volumes (unless local ward / unit protocol advises otherwise)

6. Summary

	Prescribe on Kardex	Prescribe on fluid balance prescription	Reference fluid balance prescription on Kardex	Record Administration on Kardex	Record Fluid balance
Bolus injections		<u> </u>			*
Intermittent infusions					
Continuous infusions					
Electrolyte replacement/treatment					
Fluid replacement					

 for adults where volume is equal or greater than 50ml or patient is on a strict fluid management regime or small children