



A series of helpful guides provided by the Information Technology Department

Starting a Midazolam Infusion

Nurses must document in the following sections hourly on Powerchart IView:

- 1) Titratable infusions
- 2) IV Drips
- 3) Fluid balance
- · Check the order is correct for your patient's weight
- Commence the infusion on the MAR if not already started Refer to the MAR- Administering Continuous Infusions QuickStart for more information
- Enter Interactive View I&O
- Enter QuickView
- Enter Titratable Infusions

Orders 🕈 Add	\chi Quick View	Find Item - Critical High	Low
Order Status & Results	IV Drips	Regult Com	nente Fla
Medication List	Titratable Infusions	Com	inonita ind
	Measurements		
MAR	Urinalysis	x.	
MAR Summary	Glycaemic Monitoring		
	Insulin Pump Details	V 400	10:00 -
ContinuousDoc	Bedside Handover Checklist		10:59
Documentation 🕂 Add		⊿ IV Drips	
		্বি	
Interactive View and I&O		heparin additive 5000 Units [20	
Visit List & Demographics		units/kg/hr] + glucose 5% infusi Rate	

- Click on the Dynamic Group Symbol
- Create a new group for you infusion with the naming convention "Midazolam Infusion"

⊿ IV Drips			
heparin additive 5000 Units [20 units/kg/hr] + glucose 5% infusi Rate heparin	Dynamic Group - DEMO, Cne - 1344388		
midazolam additive 16 mg [1	Label:		
microg/kg/min] + sodium chlori Rate	Midazolam Infusion	A	
4 Titratable Infusions			
4 Measurements	Titratable infusion drug name:		
Height cm	Midazolam		
Head Circumference CM	Infusion		
Body Mass Index kg/m2			

- In the appropriate time column, document the volume left in the syringe following the priming of the tube
- Document syringe volume, checks and totals each hour in the appropriate column

	09:00 - 09:59	08:00 - 08:59	07:00 - 07:59	06:00 - 06:59	05:00 - 05:59	04:00 - 04:59	03:00 - 03:59
4 IV Drips							
infusion 50 mL Rate midazolam additive 60 mg [2 microg/kg/min] + sodium chloride 0.9%	2						
 Titratable Infusions 	e	•	*		4. ·		4
⊿ Midazolam infusion							
Amount left in syringe	L	45	47	49			
Progressive total amount of drug infused		4.8mg	2.4mg	0			
Pump setting		Checked	Checked	Checked			
Comment]	Commen			

Note: When starting a new syringe, reset the "Progressive total amount of drug infused" back to 0. Add a comment "Commenced new syringe"

Note: For more information on calculating volumes, please refer to the Midazolam Infusion CT Ward Guidelines

Documenting a Rate Change

- Enter Interactive View I&O
- Enter QuickView
- Enter IV Drips

Orders	Add	Quick View	
Order Status & Results		IV Drips	
Medication List		Titratable Infusions Measurements	
MAR		Urinalysis	
MAR Summary		Glycaemic Monitoring Insulin Pump Details	
ContinuousDoc		Bedside Handover Checkli	st
Documentation	🕈 Add		
Interactive View and I8	kΟ		

- Double click in the appropriate cell
- The current rate will populate
- Modify the rate

PR	14:00 - 14:59	13:00 - 13:59	12:00 - 12:59	11:00 - 11:59	10:00 - 10:59	09:00 - 09:59	08:00 - 08:59	07:00 - 07:59	06:00 - 06:59
4 IV Drips									
midazolam additive 60		-							
mg [2 microg/kg/min] Rate mL/hr						1		2	2
midazolam microg/kg/min						*Witness H	Required	2	2
4 Titratable Infusions									
△ Midazolam infusion									
Amount left in syringe mL							45	47	49
Progressive total amount of drug infused							4.8mg	2.4mg	0
Pump setting							Checked	Checked	Checked
Comment									Commenc

Click the green tick to sign

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- A witness box will appear for the witness to enter their username and password
- Complete the sign off process
- Enter the Titratable Infusions tab of Interactive View I&O

Orders	🕈 Add	Quick View
Order Status & Results		IV Drine
Medication List		Titratable Infusions
		Measurements
MAR		Urinalysis
		Glycaemic Monitoring
MAR Summary		Insulin Pump Details
ContinuousDoc		Bedside Handover Checklist
Documentation	+ Add	
Interactive View and I&	:0	

- In the Pump Setting cell, document "Rate change performed"
- Adjust the amount left in syringe accordingly
- · Adjust the amount of midazolam mg administered accordingly

P6 🛣	10:00 -	09:00 -	08:00 -	07:00 -	06:00 -	05:00 -
△ IV Drips	10.33	03.33	00.55	07.55	00.33	05.55
ੇਬ						
midazolam additive 60						
mg [2 microg/kg/minj Rate mL/hr		1	2	2	2	
midazolam microg/kg/min		1	2	2	2	
4 Titratable Infusions						
4 Midazolam infusion						
Amount left in syringe mL		44	45	47	49	
Progressive total amount of drug infused		6mg	4.8mg	2.4mg	0	
Pump setting		Rate change performed	Checked	Checked	Checked and correct	
Comment		Rate changed at 0900hrs			Commenced infusion at 0600hrs	

- When you fill in the next hour after changing the rate, deduct the volume infused over the hour for "Amount left in syringe". You will also need to calculate the midazolam in mg infused over the hour using the new rate
- Enter the Fluid Balance Chart tab of Interactive View I&O

Results		🗙 Fluid Balance Chart
Orders	🖶 Add	Cuick View
Order Status & Results		IV Drips
Medication List		Titratable Infusions Measurements
MAR		Urinalysis
MAR Summary		Giycaemic Monitoring Insulin Pump Details
ContinuousDoc		Bedside Handover Checklist
Documentation	🕂 Add	
Interactive View and I8	kO	

- In the appropriate cell, double click to populate infusion volume
- The volume should reflect the new rate change

				<u> </u>									
	15:00 -	14:00 -	13:00 -	12:00 -	12:00	11:00 -	10:00 -	09:00 -	08:00 -	08:00	07:00 -	06:00 -	05:00 -
	15:59	14:59	13:59	12:59	Subtotal	11:59	10:59	09:59	08:59	Subtotal	07:59	06:59	05:59
⊿ Intake Total					2				2	4	2	2	
4 Continuous Infusions									2				
midazolam additive 60 mg [2 microg/kg/min] + sodium chlo mL					2			1	2	4	2	2	
△ IV flushes													

More information

For more information on Midazolam prescribing or administration, please refer to the Midazolam Infusion for the Acute Management of Seizures in Commercial Travellers Ward Practice Guidelines