Santé		<b>REGIONAL ADULT PARENTERAL DRUG MONOGRAPH</b>							
Southern	Sud		GENERIC	NAME		HIGH			
Health		ket	amine (	low dose)		ALERT			
			(low dose a			DOUBLE CHECK			
Effective Date:	Dec 2011		<u>`</u>						
Effective Date.	Dec 2011	CLASSIFICATION	OTHER NAME Ketalar			PAGE			
Revised Date: Nov 2024		Adjunct Analgesic	Ketala		r	1 of 2			
ADMINISTR	ATION POLI	ICY: NOTE: Prescribing re	estricted to p	prescribers in con	nsultation with Palli	ative Care			
IV Bolus									
IV Infusion									
		ninistered by a nurse							
		ministered by a nurse							
RECONSTIT		JTION/ADMINISTRATIO							
Available as:	10 m	ng/mL – 20 mL multidose via	al						
IV Bolus:		inister undiluted over 1 to 3	minutes						
IV Intermitte		ninister over 4 to 6 hours	<u>.</u>	1					
Dose	Dose Pre	eferred Diluent Volumes Bag	g size						
1 1		NaCl 0.9% or D5W							
ordered		<u>100mL</u> ninister undiluted							
Subcutaneous	Adm	linister undiluted							
IV Infusion: 1	Pump Library								
		1	mine LO						
Drug I	Library	Dose Rate	Short Name		Care Unit				
Yes		mg/kg/h	keta200		General & Critica	ıl Care			
Dı	rug	Diluent	Final Volume (VTBI)		Final Concentr	ation			
200 mg (20 mL of 10 mg/mL)		100 mL NS	120 mL		1.667 mg/m	L			
Clinical Advi	isory: High Ale	ert							
Soft Low Do	se Limit: 0.02	mg/kg/h Soft	High Dose	Limit: 1 mg/kg/h	1				
DOSAGE:			-						
<b>IV bolus/IV intermittent:</b> 0.25 to 0.5 mg/kg (usual maximum dose: 60 mg); titrate to pain goal and tolerability; repeat daily for up to 2 to 10 days as needed									
IV infusion:	IV infusion: 0.05 to 0.25 mg/kg/hour for 2 to 5 days; titrate to pain goal and tolerability; usual dosage range: 0.02 to 1 mg/kg/hour (maximum dose: 30 mg/hour)								
Subcutaneous		0.6 mg/kg (usual 2.5 to 25 n n patients who need a longer				у.			

continuous subcutaneous infusion at 0.1 to 1.2 mg/kg/hour (maximum daily dose: 500 mg)	continuous subcutaneous infusion at 0.1 to 1.2 mg/kg/hour (maximum daily dose: 50	) mg)
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Maximum daily dose:	IV intermittent:	0.5 mg/kg
Maximum rate:	IV bolus: IV/subcut infusion:	over 1 minute 1 mg/kg/h
Maximum concentration:		10 mg/mL

Santé	REGIONAL ADULT	PARENTERAL DRUG MO	NOGRAPH			
Southern Sud	G	GENERIC NAME				
Health	ketam	ine (low dose)	ALERT			
(low dose analgesia)						
Effective Date: Dec 2011	CLASSIFICATION	OTHER NAMES	PAGE			
	Adjunct Analgesic	Ketalar	2 of 2			
Revised Date: Nov 2024 STABILITY/COMPATI						
STABILITY/COMPATI						
Stability of multidose via	<b>1:</b> 28 days after first use					
	<b>ure:</b> 24 hours at room temperature	2				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
Compatibility:	Compatible with normal sali	ne and D5W				
· ·	•					
	NTIAL ADVERSE REACTIONS	S:				
	double vision (most common)					
		ception (floating in space, feeling of u				
		even higher doses, occasionally halluc	inations, confusion			
and bad dream may o						
		dose and increase slowly (this decrease	es side effects)			
	AND NURSING CONSIDERATI	UNS:				
· · · · · · · · · · · · · · · · · · ·						
Caution advised in patients with psychiatric illness						
<ul> <li>Subcutaneous ketamine is highly irritating and is not recommended</li> <li>PO ketamine: Use parenteral formulation orally in divided doses and diluted in orange juice to mask bitter taste.</li> </ul>						
<ul> <li>Initial: 0.5 mg/kg/day administered in 3 to 4 divided doses as needed; then increase dose in increments of approximately 5 mg/dose based on pain goal and tolerability; maximum daily</li> </ul>						
			um dally			
escalation dose: 15 to 20 mg; maximum dose 800 mg/day Topical, sublingual and intranasal ketamine have also been used						

 Elderly patients: Because of risk of respiratory depression may be greater, dose increments should be smaller and rate of injection slower. The risk of psychotropic side effects may also be higher in this population.