Parenteral Monographs

UPDATE

Provincial Monograph Updates

The SK SMART Pump Program is in the process of updating the provincial Parenteral Manual. This manual provides practitioners guidance on safe administration of medications. With the implementation of the Medfusion 4000 for pediatric patients, the monographs have been updated to reflect pediatric and neonatal information.

Once the entire province has rolled the new Medfusion 4000 pumps out, the Sask Kids Pediatric Parenteral Drug Manual will be removed from service and there will no longer be separate Adult and Pediatric drug monographs.

Questions

Please contact the SK SMART Pump Program at 306-766-3572 or at SaskSmartPumpRegina@saskhealthauthority.ca

Old Adult Monograph

Sask. Parenteral Manual - ADULT **ceFAZolin**

Disclaimer: Official controlled document is the Sask Parenteral Manual - Adult online copy. The user should ensure that any paper copy version is the same as the online version before use.

OTHER NAMES	CLASSIFICATION pH 4.5 to 7	➢ ALLERGY ALERT
Ancef, Kefzol	Antibiotic – cephalosporin	See Contraindications/Cautions

INDICATIONS FOR IV USE

HEALTH CANADA APPROVED[7]

- Treatment of severe systemic infections caused by susceptible organisms
- Surgical prophylaxis

CONTRAINDICATIONS

➢ *Hypersensitivity to ceFAZolin or other cephalosporins or any component of formulation*

CAUTIONS

- *Previous immediate hypersensitivity to penicillin antibiotics.* Cross-sensitivity between penicillins and cephalosporins is estimated to be very low. The beta-lactam subunit is not considered primary allergenic determinant; rather, the side chain predicts cross-reactivity. ceFAZolin does **not** have a structurally related side chain to penicillin, ampicillin or amoxicillin [2,3]
- Gastrointestinal disease, particularly colitis[1]

DRUG INTERACTION [4]

- Vitamin K antagonists (e.g. warfarin): may enhance the anticoagulant effect of Vitamin K antagonists. Monitor therapy

DRUG TEST INTERACTION [4]

- Positive direct anti-globulin test (direct Coombs), false-positive serum or urine creatinine with Jaffé reaction

PREGNANCY/BREAST FEEDING: Consult pharmacy or specialised on-line references for most recent information

ADMINISTRATION

In order to administer a medication in the Sask. Parenteral Manual-ADULT you must be able to meet the "REQUIREMENTS" and "MONITORING REQUIRED" sections within the monograph. If you are unable to meet these parameters, contact the Most Responsible Physician for further direction (e.g. higher level of care needed).

MODE	DIRECT IV	INTERMITTENT INFUSION	CONTINUOUS INFUSION
	YES	YES	NO
ADULT	Dilute to at least 10 mL with compatible IV fluid Give over 3 to 5 minutes[4-6]	*Dilute in 50 mL minibag* *Infuse over 20 minutes* ***Adult Syringe Driver,*** where available/applicable See Regional Syringe Driver prep chart for guidelines,	
REQUIREMENTS	None		

MONITORING

REQUIRED

- None

RECOMMENDED

- None

RECONSTITUTION

- Reconstitute with sterile water, D5W [7] or NS. Reconstitution device can be used
- Volume of diluent required may vary with brand. See vial for exact volume of diluent and resulting concentration

COMPATIBILITY/STABILITY

- Stable in D5W or NS for 24 hours at room temperature[1]
- Compatible with dextrose, NS, dextrose-saline combinations, Ringer's and lactated Ringer's solutions[1]
- Reconstituted vials stable for at least 8 hours at room temperature and in the fridge[1]
- For additional drug-drug compatibility contact pharmacy or specialised on-line references for most recent information

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New Parenteral Monograph

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ADMINISTRATION

In order to administer a medication in the SK SMART Pump Program Parenteral Manual you must be able to meet the "REQUIREMENTS" and "MONITORING REQUIRED" sections within the monograph. If you are unable to meet these parameters, contact the Most Responsible Practitioner for further direction (e.g. higher level of care needed). NOTE: Health Care Providers must be aware of their current scope of practice as it relates to the administration of this medication.

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PEDIATRIC	Usual concentration100 mg/mL Give over 3 to 5 minutes Max rate: 1000mg over 5 minutes	Usual concentration: 10-20 mg/mL Pediatrics Max concentration: 100 mg/mL Infuse over 15 minutes (range 5-60 minutes)	
NEONATE	Standard concentration 100 mg/mL Infuse over 3 to 5 minutes	Standard concentration 100mg/ml Infuse over 15 minutes (range 5 to 60 minutes)	

MONITORING

REQUIRED

- None

Saskatchewan Health Authority

saskhealthauthority.ca

CS-UN-0003 October 2021

Healthy People, Healthy Saskatchewan

The Saskatchewan Health Authority works in the spirit of truth and reconciliation, acknowledging Saskatchewan as the traditional territory of First Nations and Métis People.