



REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME

linezolid

Effective Date: Mar12-2014

Revised Date:

Reviewed Date: Sept 12 2018

CLASSIFICATION

Antibiotic

OTHER NAMES

Zyvoxam

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ADMINISTRATION POLICY:

IV Infusion - May be administered by a nurse
INFECTIOUS DISEASE CONSULT REQUIRED

RECONSTITUTION/DILUTION/ADMINISTRATION:

Available as: 2 mg/mL – 300 mL premixed bag

IV Infusion: Administer over 30 to 120 minutes without further dilution. Discard unused portion.
NOTE: Administer as close to insertion site as possible to avoid potential incompatibility with other drugs or solutions. Flush tubing before and after administration of drug.

DOSAGE:

Usual: 600 mg IV every 12 hours

Maximum rate: 20 mg/minute

Maximum concentration: 2 mg/mL

Maximum single dose: 600 mg

Maximum daily dose: 1200 mg

STABILITY/COMPATIBILITY:

Stability of Final Admixture: 24 hours after initial use

Compatibility: Compatible with normal saline, D5W, Lactated Ringer

PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:

- Diarrhea, nausea, vomiting
- Decrease in RBC, Hgb, Hct, WBC, platelet counts
- Increase in serum Cr

ADDITIONAL NOTES AND NURSING CONSIDERATIONS:

- It is recommended that complete blood counts be measured weekly in patients receiving antibiotic greater than 14 days.
- Linezolid is a weak, reversible, non-selective MAO Inhibitor and potentially may interact with sympathomimetics or vasopressors, resulting in an enhanced pressor response. Blood pressure should be monitored during concomitant use. Cautious use of this combination in high risk patients is advised. Examples of sympathomimetics and vasopressors include dopamine, dobutamine, epinephrine, norepinephrine, phenylephrine, phenylpropanolamine, pseudoephedrine
- Being a weak MAOI, certain foods should be consumed in moderation (cheese, fermented/dry sausage, fava or broad bean pods, yeast extract, sauerkraut, soya sauce and other soya bean condiments)
- The potential for serotonin syndrome is also a possibility if linezolid is used in combination with SSRI antidepressants. Use this combination with caution & monitor for symptoms of CNS irritability, shivering or myoclonus.
- Oral dosing same as IV dosing.