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## Vancosan

1 g Powder for Injection (I.V.) Antibacterial (Glycopeptide)



PRODUCT DESCRIPTION: White, almost white, or tan to brown, free-flowing powder, odorless, and having a bitter taste.

### PHARMACOLOGICAL PROPERTIES:

Pharmacodynamics
Pharmacotherapeutic group: glycopeptide antibacterials
Mechanism of action

Mechanism of action

Annonymin is a tricyclic glycopeptide antibiotic that inhibits the synthesis of the cell wall in sensitive bacteria by binding with high affinity to the D-alany-D-alanine terminus of cell wall precursor units. The drug is slowly bactericidal for dividing microorganisms. In addition, it impairs the permeability of the bacterial cell membrane and RNA synthesis.

Absorption

Vancompoin is administered infravenously for the hearhment of systemic infections.

In the case of patients with normal renar function, intravenous instusion of multiple doses of 1 g of Vancomypoin (15 moglig feet flow interpretations of 50 moglig. 70 eVancomypoin (15 moglig feet flow interpretations of 50 moglig. 70 eVancomypoin (15 moglig feet flow). The passars levels obtained after multiple doses are similar to flows eachieved into the blood after coral administration in expectation. However, absorption may occur after oral administration patients with pseudomentarious coldits. This may lead to Vancomypoin accumulation in patients with multiple doses are simple administration in patients with pseudomentarious coldits. This may lead to Vancomypoin accumulation in patients with

Userbution.

The volume of distribution is about 60 L1.73 m² body surface. At serum concentrations of Vancomycin of 10 mg/L to 100 mg/L, the birding of the drug to plasma proteins is approximately 39.55%, measured by ultra-filtration. Vancomycin diffuses readily across the placenta and is distributed into cord blood. In non-inflamed meninges, Vancomycin plasses the blood-brain barrier orly to allow extent.

microbiologically active substance (approx. 75-80% within 24 hours) brough generous research to a transcription of the Elimination.

The elimination Intel<sup>®</sup> file Of Vancoropycinis 4 to 8 hours in patients with normal real function and 22-3 hours in children. Plearan clearance is about 0.058 Lipids, and is other clearance is about 0.058 Lipids, and in the fire of the control of the uniterated policy of an administrated close of Vancoropy in excerted in the uniter through glorance inflation. Retail control of the control of th

- Ancompcin is indicated in all age groups for the treatment of the following infections:

   Complicated Skin and Soft Tissue Infections (cSSTI)

   Bone and Joint Infections

- Infective Endocarditis
   Vancomycin is also indicated in all age groups for perioperative antibacterial prophytaxis in patients who are at high risk of developing bacterial endocarditis when undergoing major surgical procedures.

## DOSAGE AND ADMINISTRATION:

where appropriate, varicomyor should be administered in combination with order attractional ageins. Intravenous administration

The initial dose should be based on total body weight. Subsequent dose adjustments should be based on sterum concentrations to achieve targeted therapeutic concentrations. Renal function must be taken into consideration for subsequent doses and intervals of administration.

subsequent doses and intervals of administration.

Patients aged 12 years and older
The recommended dose is 15 to 20 mg/kg or body weight every 8 to 12 hours (not to exceed 2 g per dose).
In sersously it platefals, a loading dose of 25-30 mg/kg or body weight can be used to facilitate rapid attainment of the target through serum Vercomyon concentration.

Indirect and children aged from one month to lises than 2 f years of age:
The recommended dose is 10 to 15 mg/kg body weight every 6 hours.

PMA (weeks)	Dose (mg/kg)	Dose (mg/kg)
<29	15	24
29-35	15	12
>35	15	8

PMA: post-menstrual age (time elapsed between the first day of the last menstrual period and birth (gestational age)

איים יום ume erapseo atter britn (post-natal age).

Peir-operative prophylaxis of bacterial endocardisis in all age groups

The recommended does is an initial also see 115 mg/kg before induction of anesthesia. Depending on the duration of surgery, a second Vancomycin dose may be required.

Indication	Treatment duration
Complicated skin and soft tissue infections	
- Non necrotizing	7 to 14 days
- Necrotizing	4 to 6 weeks*
Bone and joint infections	4 to 6 weeks**
Community-acquired pneumonia	7 to 14 days
Hospital-acquired pneumonia, including ventilator-associated pneumonia	7 to 14 days
Infective endocarditis	4 to 6 weeks

\*Continue until further debridement is not necessary, a patient has clinically improved, and the patient is afebrile

Special populations

Elderly

Lower maintenance doses may be required due to the age-related reduction in renal function.

Lower maintenance doses may be required due to the age-related reduction in renal function. Renal impairment in Renal impairment, concideration in should be given to an initial starting dose in adult and pediatrib with renal impairment, concideration in should be given to an initial starting dose with severe renal impairment of took and undergo renal replacement therapy (RRT) due to the many varying factors sharmay affect Vanconrychie levels in them. In patients with mild or moderate renal failbure, the starting dose must not be reduced. In patients with mild or moderate renal failbure, the starting dose must not be reduced. In patients with mild or moderate renal failbure, the starting dose must not be reduced. In patients with mild are described in the control of the starting of t

Adults

Dose adjustments in adult patients could be based on glomerular filtration rate estimated (eGFR) by the following formula:

Does adjustments in adult patients could be based on glomerular filtration rate essmassor (ever ny sy seriolitoring formular.

Men. [Weight (e.g.); 1403 - age (years)) 72 x serum creatinine (mgidt.)

Women: 0.85 x value calculated by the above formula.

The usual starting does for adult patients is 15 to 20 mg/kg that could be administered every 24 hours in patients with creatinine clearance between 20 to 40 ml.min. In patients with severe renal impairment (creatinine clearance below 20 ml.min) or those on renal replacement therapy, the appropriate liming and amount of subsequent doses legally depend on the modality of RFIT and should be based on serior Marconynin burdle without the modal to the start and should be based on serior Marconynin burdle without the modal to the start in strategies of the creating of the cre

apply to them.

we dosing recommendations for the pediatric population are shown in the table below and follow the niciples as in adult patients.

GFR (mL/min/1.73 m <sup>2</sup> )	IV dose	Frequency
50-30	15 mg/kg	12 hourly
29-10	15 mg/kg	24 hourly
< 10		Re-dose based on levels*
Intermittent hemodialysis	10-15 mg/kg	
Peritoneal dialysis		
Continuous renal replacement therapy	15 mg/kg	Re-dose based on levels*

"The appropriate firming and amount of subsequent doses largely depend on the modality of RRT and should be based on serum Vancomychi levels obdained before dosing and on residual renal function. Depending on the clinical stuation, consideration could be given to withholding the next dose white awaiting the results of Vancomych Nextle.

In obese patients, the initial dose should be individually adapted according to total body weight as in non-obese

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## CONTRAINDICATIONS

## SPECIAL WARNINGS AND PRECAUTIONS FOR USE:

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All patients receiving Vancomycin should have periodic haematologic studies, urine analysis, and liver and renal function tests.

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Summary of this Salety profile
The most common advense reactions are phlebits, pseudo-allergic reactions, and flushing of the upper body ("read-resk syndrome") no common advense reactions are phlebits, pseudo-allergic reactions, and flushing of the upper body ("read-resk syndrome") no common advense reactions are phlebits, pseudo-allergic reactions, and flushing of the upper body ("read-resk syndrome") no common advense reactions and flush of the absorption of Venocorpyin on the grant flush text is regigible. Neverve in information of the memoral policy of the absorption of Venocorpy with read insufficiency, adverse reactions that cocar when Venocorpyin administered present reactions with Amberitie resin XAD-4 has been reported to be of limited benefit.

CAUTION:

CAUTION:

Inducated List of Natives reactions.

Within each frequency grouping, undesirable effects are presented in order of decreasing seriousness.

The adverse reactions listed below are defined using the following MedDRA convention and system organ class.

database:

Very common (≥ 1/10); common (≥ 1/100) to < 1/10); uncommon (≥ 1/1,000 to < 1/10);

Frequency	Adverse drug reaction	
Blood and the lym	phatic system disorders:	
Rare	Reversible neutropenia, agranulocytosis, eosinophilia,	
	thrombocytopenia, pancytopenia.	
Immune system d	isorders:	
Rare	Hypersensitivity reactions, anaphylactic reactions	
Ear and labyrinth	disorders:	
Uncommon	Transient or permanent loss of hearing	

	receiving Vancomycin should have periodic haematologic studies, urine analysis, and liver and renal		Rare	Vertigo, tinnitus, dizziness
function tests.			Cardiac disorders	•
	Vancomycin should be used with caution in patients with allergic reactions to teicoplanin, since cross hypersensitivity,		Very rare	Cardiac arrest
including fatal anaphylactic shock, may occur.			Vascular disorders:	•
	Spectrum of antibacterial activity  Vancomycin has a spectrum of antibacterial activity limited to Gram-positive organisms. It is not suitable for use as a		Common	Decrease in blood pressure
			Rare	Vascultis
	for the treatment of some types of infections unless the pathogen is already documented and known to be		Respiratory, thoracic, and mediastinal disorders:	
	susceptible or there is a high suspicion that the most likely pathogen(s) would be suitable for treatment with		Common	Dyspnea, stridor
Vancomycir			Gastrointestinal disorders:	
	The rational use of Vancomycin should take inho account the bacterial spectrum of activity, the safety profile, and the suitability of standard antibacterial therepty to be test the individual parisent. ( <u>Obtoolicity</u> , which may be transitory or permanent has been reported in patients with prior deafness, who have received excessive intravenous doses, or who receive concomitant treatment with another otdoxic active substance such as an anniops/cosicle Vancomycin should also be avoided in patients with previous hearing loss.		Rare	Nausea
			Very rare	Pseudomembranous enterocolitis
			Not known	Vomiting, Diarrhea
			Skin and subcutaneous tissue disorders:	
such as an a			Common	Flushing of the upper body ("red man syndrome"), exanthema and mucosal inflammation, pruritus, urticari
	ay be preceded by tinnitus. Experience with other antibiotics suggests that deafness may be progressive		Very rare	Exfoliative dermatitis, Stevens-Johnson syndrome,
	ation of treatment. To reduce the risk of ototoxicity, blood levels should be determined periodically and			Lyell's syndrome, Linear IgA bullous dermatosis Ecoinophilia and systemic symptoms
	ng of auditory function is recommended.		Not known	(DRESS syndrome), AGEP (Acute Generalized
	are particularly susceptible to auditory damage. Monitoring of vestibular and auditory function in the			Exanthematous Pustulosis)
	ld be carried out during and after treatment. Concurrent or sequential use of other ototoxic substances		Renal and urinary disorders:	
should be a			Common	Renal insufficiency manifested primarily by increased
	ted reactions			serum creatinine and serum urea
	administration (i.e. over several minutes) may be associated with exaggerated hypotension (including		Rare	Interstitial nephritis, acute renal failure.
	arely, cardiac arrest), histamine-like responses, and maculopapular or erythematous rash ("red man's		Not known	Acute tubular necrosis
	r "red neck syndrome"). Vancomycin should be infused slowly in a dilute solution (2.5 to 5.0 mg/mL) at a		General disorders and administration site conditions:	
	ter than 10 mg/min and over a period not less than 60 minutes to avoid rapid infusion-related reactions.		Common	Phlebitis, redness of the upper body and face.
	infusion usually results in a prompt cessation of these reactions.		Rare	Drug fever, shivering, Pain and muscle spasm of the
	cy of infusion-related reactions (hypotension, flushing, erythema, urticaria, and pruritus) increases with			chest and back muscles
	tant administration of anesthetic agents. This may be reduced by administering Vancomycin by infusion	Description of selected adverse drug reactions  Reversible neutropenia usually starts one week or more after the onset of intravenous therapy or more than 25 n		
	60 minutes, before anesthetic induction.			
Severe bullo				
Stevens-Jol	nson syndrome (SJS) has been reported with the use of Vancomycin. If symptoms or signs of SJS (e.g.,			

over at least 60 minutes, before anesthetic induction.

Severe bullous reactions

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Severes bullous reactions states on week or more after the onset of intravenous terraport or severes

During or schortly after rapid infusion anaphylactionaphylaction decisions including wheezing may occur. The

reactions abate when administration is stopped, generally between 20 minutes and 2 hours. Vancormyin should be

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Regular monitoring of the blood levels of Vilacrompin is indicated in high-dose therapy and longe-them use proteined in significance or proteined the proteined of the size of age, may lead to such management of the size of the

CAUTION:
Foods, Drugs, Devices, and CosmeticsAct prohibits dispensing without prescription.

## KEEP ALL MEDICINES OUT OF REACH OF CHILDREN

AVAILABILITY:
10 mt. USP Type II colorless glass vial, with gray bromobutyl rubber stopper, aluminum cap, and blue plastic flip-off
seal (Boxof 1's)

## DRP-11397-01

Date of First Authorization: August 01, 2023
Date of Revision of Package Insert: November 17, 2023

Manufactured by: REYOUNG PHARMACEUTICAL CO., LTD. No.1, Ruiyang Road, Yiyuan County, Shandong Province, China

Imported by,
AMBICARE PHARMACEUTICALS INC.
2F Ambica Building, Amsterdam Extr., Merville
Park Subd., Parañaque, Metro Manila