

Applicant/PHRC: **Hetero Drugs South Africa (Pty) Ltd**

Product proprietary name: **BURNOME 500 mg & 1 g IV**

Dosage form and strength: **Lyophilized powder for solution for infusion**

**Each 20 ml vial contains vancomycin hydrochloride equivalent to vancomycin 500 mg**

**Each 30 ml vial contains vancomycin hydrochloride equivalent to vancomycin 1 g**

## PROFESSIONAL INFORMATION FOR BURNOME 500 mg & 1 g IV

### SCHEDULING STATUS

S4

### 1 NAME OF THE MEDICINE

**BURNOME 500 mg IV** (lyophilized powder for solution for infusion)

**BURNOME 1 g IV** (lyophilized powder for solution for infusion)

### 2 QUALITATIVE AND QUANTITATIVE COMPOSITION

Each 20 ml vial contains vancomycin hydrochloride equivalent to vancomycin 500 mg.

Each 30 ml vial contains vancomycin hydrochloride equivalent to vancomycin 1 g.

**BURNOME** is sugar free.

For the full list of excipients, see section 6.1.

### 3 PHARMACEUTICAL FORM

**BURNOME 500 mg IV:** White to tan lyophilized cake or powder. When reconstituted as directed the solution should be clear, light to dark tan colored solution.

**BURNOME 1 g IV:** White to tan lyophilized cake or powder. When reconstituted as directed the solution should be clear, light to dark tan colored solution.

### 4 CLINICAL PARTICULARS

#### 4.1 Therapeutic indications

- **BURNOME** is indicated in therapy of methicillin-resistant ( $\beta$ -lactam-resistant) systemic staphylococcal infections. It is also indicated in therapy of serious staphylococcal infections in

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penicillin-allergic patients or in patients who have failed to respond to the penicillin derivatives and/or cephalosporins.

- **BURNOME** is indicated in patients with serious infections caused by vancomycin-sensitive organisms that are resistant to other antimicrobial medicines, including penicillin derivatives and/or cephalosporins.
- **BURNOME** is indicated for initial therapy when methicillin-resistant staphylococci are suspected, however, therapy should be adjusted accordingly.
- **BURNOME** is indicated in the treatment of staphylococcal endocarditis. It may be indicated in therapy of serious infections due to staphylococci resistant to methicillin. When staphylococcal infections are localized and purulent, antibiotics are used as adjuncts to appropriate surgical measures.
- In penicillin-allergic patients, **BURNOME** is indicated alone or in combination with an aminoglycoside for endocarditis caused by *S. viridans* or *S. bovis*. For the treatment of endocarditis caused by enterococci (e.g. *E. faecalis*). **BURNOME** should be used in combination with an aminoglycoside.
- Specimens for bacteriologic cultures should be obtained in order to isolate and identify causative organisms and to determine their susceptibilities to **BURNOME**. The parenteral form of **BURNOME** may be administered orally for treatment of staphylococcal enterocolitis and antibiotic-associated pseudomembranous colitis produced by *C. difficile*. The parenteral administration of **BURNOME** alone is of unproven benefit for these indications.
- **BURNOME** is not effective by the oral route for other types of infections.

## 4.2 Posology and method of administration

### Posology

**Each dose should be administered at a rate of no more than 500 mg per half hour.**

#### ***Patients with normal renal function***

Initial\_\_KB\_\_

July 2023

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*Adults:* The usual daily intravenous dose is 2 g divided either as 500 mg every 6 hours or 1 g every 12 hours.

**For oral administration:**

The usual adult total daily dosage for antibiotic-associated pseudomembranous colitis produced by *C. difficile* is 500 mg to 2 g given in three or four divided doses for 7 to 10 days. The total daily dosage in children is 40 mg/kg of body mass in three or four divided doses. The total daily dosage should not exceed 2 g. The appropriate dose should be diluted in 30 ml of water and given to the patient to drink. Common flavouring syrups should be added to the solution to disguise the taste for oral administration.

**Special populations:**

***Patients with impaired renal function***

*Dosage adjustment must be made in these patients.* **BURNOME** serum concentration should be measured in order to optimize therapy, especially in seriously ill patients with changing renal function. The following dosage calculations may be used for renally impaired and elderly patients, with appropriate monitoring of serum concentrations:

<b>Creatinine Clearance (ml/min)</b>	<b>BURNOME Dose (mg/24 hours)</b>
100	1 545
90	1 390
80	1 235
70	1 080
60	925
50	770
40	620
30	465

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20	310
10	155

The initial dose should be no less than 15 mg/kg, even in patients with mild to moderate renal insufficiency and functionally anephric patients.

### **Paediatric population**

*Children:* The total daily intravenous dose, calculated on the basis of 40 mg/kg of body mass, can be divided and incorporated into the child's 24 hour fluid requirement.

*Infants and neonates:* The initial dose of 15 mg/kg is suggested, followed by 10 mg/kg every 12 hours in the first week of life and every 8 hours thereafter until one month of age. Close monitoring of serum **BURNOME** concentration is warranted.

### **Method of administration**

#### ***Intermittent intravenous infusion***

This is the preferred method of administration. At the time of use, add 10 ml of sterile water for injection to the 500 mg vial or 20 ml of sterile water for injection to the 1 g vial of dry, sterile **BURNOME** powder. The reconstituted solution containing 500 mg of **BURNOME** must be diluted with at least 100 ml of diluent and that containing 1 g of **BURNOME** with 200 ml of diluent. The desired dose may be administered at a rate of no more than 500 mg per half-hour.

Vancomycin solution has a low pH and may cause physical instability of other compounds. Parenteral medicines should be inspected visually for particulate matter and discolouration prior to administration, whenever solution or container permits.

### **4.3 Contraindications**

- Patients with hypersensitivity to vancomycin hydrochloride, or any other component listed in section 6.1.

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- Vancomycin should not be administered intramuscularly due to the risk of necrosis at the site of administration.

#### **4.4 Special warnings and precautions for use**

##### **Infusion-related reactions**

**BURNOME** should not be given intramuscularly, and care should be taken when it is given intravenously to avoid extravasation, because of the risk of tissue necrosis. **BURNOME** should be administered in a diluted solution at a rate of no more than 500 mg per half-hour to avoid rapid-infusion-related reactions such as "red man syndrome", characterized by chills or fever; fainting, rapid heartbeat; hives; hypotension; itching of skin; nausea or vomiting; rash or redness of face, base of neck, upper body, back and arms (see **sections 4.2, 4.4 and 4.8**). Stopping the infusion usually results in a prompt cessation of these reactions.

The frequency of infusion-related reactions (hypotension, flushing, erythema, urticaria and pruritus) increases with the concomitant administration of anaesthetic medicines (see section 4.5). This may be reduced by administering vancomycin by infusion over at least 60 minutes, before anaesthetic induction.

##### **Pseudomembranous enterocolitis**

Pseudomembranous colitis has been reported with many broad spectrum antibiotics, including **BURNOME**; therefore, it is important to consider its diagnosis in patients who develop diarrhoea in association with its use. Such colitis may be life-threatening and appropriate measures should be taken, including discontinuation of therapy. Anti-diarrhoeic medicines should not be given.

##### **Nephrotoxicity**

Dosage of **BURNOME** should be adjusted for patients with renal dysfunction, including anuria, as the possibility of developing toxic effects is much higher in the presence of prolonged high blood concentrations.

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The risk of toxicity is increased by high blood concentrations or prolonged therapy.

It should be noted that the total systemic and renal clearances of vancomycin are reduced in the elderly. When patients with underlying renal dysfunction or those patients receiving concomitant therapy with an aminoglycoside are being treated, serial monitoring of renal function should be performed, as the risk for the development of adverse reactions is greater if renal impairment is present. Serial tests of auditory function may be helpful in order to minimize the risk of ototoxicity.

### **Hypersensitivity reactions**

Serious and occasionally fatal hypersensitivity reactions are possible (see **sections 4.3** and **4.8**). In case of hypersensitivity reactions, treatment with vancomycin must be discontinued immediately and the adequate emergency measures must be initiated.

In patients receiving vancomycin over a longer-term period or concurrently with other medications which may cause neutropenia or agranulocytosis, the leukocyte count should be monitored at regular intervals. All patients receiving vancomycin should have periodic haematologic studies, urine analysis, liver and renal function tests.

Vancomycin should be used with caution in patients with allergic reactions to teicoplanin, since cross hypersensitivity, including fatal anaphylactic shock, may occur.

### **Spectrum of antibacterial activity**

Vancomycin has a spectrum of antibacterial activity limited to Gram-positive organisms. It is not suitable for use as a single agent for the treatment of some types of infections unless the pathogen is already documented and known to be susceptible or there is a high suspicion that the most likely pathogen(s) would be suitable for treatment with vancomycin.

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The rational use of vancomycin should take into account the bacterial spectrum of activity, the safety profile and the suitability of standard antibacterial therapy to treat the individual patient.

### **Ototoxicity**

Ototoxicity, which may be transitory or permanent (see **section 4.8**) has been reported in patients with prior deafness, who have received excessive intravenous doses, or who receive concomitant treatment with another ototoxic active substance such as an aminoglycoside. Vancomycin should also be avoided in patients with previous hearing loss. Deafness may be preceded by tinnitus. Experience with other antibiotics suggests that deafness may be progressive despite cessation of treatment. To reduce the risk of ototoxicity, blood levels should be determined periodically, and periodic testing of auditory function is recommended.

The elderly is particularly susceptible to auditory damage. Monitoring of vestibular and auditory function in the elderly should be carried out during and after treatment. Concurrent or sequential use of other ototoxic substances should be avoided.

### **Severe cutaneous adverse reactions (SCARs)**

Severe cutaneous adverse reactions (SCARs) including Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN), drug reaction with eosinophilia and systemic symptoms (DRESS) and acute generalized exanthematous pustulosis (AGEP), which can be life-threatening or fatal, have been reported in association with vancomycin treatment (see **section 4.8**). Most of these reactions occurred within a few days and up to eight weeks after commencing treatment with vancomycin.

At the time of prescription patients should be advised of the signs and symptoms and monitored closely for skin reactions. If signs and symptoms suggestive of these reactions appear, vancomycin should be

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withdrawn immediately and an alternative treatment considered. If the patient has developed a SCAR with the use of vancomycin, treatment with vancomycin must not be restarted at any time.

#### **Administration site related reactions**

Pain and thrombophlebitis may occur in many patients receiving intravenous vancomycin and are occasionally severe. The frequency and severity of thrombophlebitis can be minimized by administering the medicine slowly as a dilute solution (see **section 4.2**) and by changing the sites of infusion regularly.

The efficacy and safety of vancomycin has not been established for the intrathecal, intralumbar and intraventricular routes of administration.

#### **Drug interactions with anaesthetic medicines**

Anaesthetic induced myocardial depression may be enhanced by vancomycin. During anaesthesia, doses must be well diluted and administered slowly with close cardiac monitoring. Position changes should be delayed until the infusion is completed to allow for postural adjustment (see **section 4.5**).

#### **Superinfection**

Prolonged use of vancomycin may result in the overgrowth of non-susceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

#### **Eye disorders**

Vancomycin is not authorized for intracameral or intravitreal use, including prophylaxis of endophthalmitis. Haemorrhagic occlusive retinal vasculitis (HORV), including permanent loss of vision, have been observed in individual cases following intracameral or intravitreal use of vancomycin during or after cataract surgery.

#### **Use in the elderly**

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The natural decrement of glomerular filtration with increasing age may lead to elevated vancomycin serum concentrations if dosage is not adjusted (see **section 4.2**).

### **Paediatric population**

The current intravenous dosing recommendations for the paediatric population, in particular for children below 12 years of age, may lead to sub-therapeutic vancomycin levels in a substantial number of children. However, the safety of increased vancomycin dosing has not been properly assessed and higher doses than 60 mg/kg/day cannot be generally recommended.

Vancomycin should be used with particular care in premature neonates and young infants, because of their renal immaturity and the possible increase in the serum concentration of vancomycin. The blood concentrations of vancomycin should therefore be monitored carefully in these children. Concomitant administration of vancomycin and anaesthetic medicines has been associated with erythema and histamine-like flushing in children. Similarly, concomitant use with nephrotoxic –medicines such as aminoglycoside antibiotics, NSAIDs (e.g., ibuprofen for closure of patent ductus arteriosus) or amphotericin B is associated with an increased risk of nephrotoxicity (see **section 4.5**) and therefore more frequent monitoring of vancomycin serum levels and renal function is indicated.

### **Oral administration**

Intravenous administration of vancomycin is not effective for the treatment of *Clostridium difficile* infection. Vancomycin should be administered orally for this indication.

Testing for *Clostridium difficile* colonization or toxin is not recommended in children younger than 1 year due to high rate of asymptomatic colonisation unless severe diarrhoea is present in infants with risk factors for stasis such as Hirschsprung disease, operated anal atresia or other severe motility disorders. Alternative aetiologies should always be sought and *Clostridium difficile* enterocolitis be proven.

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### **Potential for Systemic Absorption**

Absorption may be enhanced in patients with inflammatory disorders of the intestinal mucosa or with Clostridium difficile-induced pseudomembranous colitis. These patients may be at risk for the development of adverse reactions, especially if there is a concomitant renal impairment. The greater the renal impairment, the greater the risk of developing the adverse reactions associated with the parenteral administration of vancomycin. Monitoring of serum vancomycin concentrations of patients with inflammatory disorders of the intestinal mucosa should be performed.

### **Drug interactions with anti-motility agents and proton pump inhibitors**

Anti-motility medicines should be avoided and proton pump inhibitor use should be reconsidered

### **4.5 Interaction with other medicines and other forms of interaction**

Other ototoxic or nephrotoxic medicines, such as the aminoglycosides, amphotericin B, streptomycin, neomycin, gentamycin, kanamycin, amikacin, tobramycin, viomycin, bacitracin, polymyxins, colistin, cisplatin and loop diuretics, markedly increase the risk of toxicity and should be given concomitantly (concurrent or sequential systemic or topical administration) with **BURNOME** only with great caution.

Vancomycin may increase neuromuscular blockade produced by medicines such as suxamethonium and vecuronium.

Concomitant administration of vancomycin and anaesthetic medicines has been associated with erythema, histamine-like flushing and anaphylactoid reactions.

There have been reports that the frequency of infusion-related events increases with the concomitant administration of anaesthetic medicines. Infusion-related events may be minimised by the administration of vancomycin as a 60-minute infusion prior to anaesthetic induction. When administered during anaesthesia,

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doses must be diluted to 5 mg/ml or less and administered slowly with close cardiac monitoring. Position changes should be delayed until the infusion is completed to allow for postural adjustment.

#### **Oral administration:**

Consideration should be given to discontinuing proton pump inhibitors and anti-motility medicines in line with local guidelines for Clostridium Difficile infection.

#### **4.6 Fertility, pregnancy and lactation**

##### **Pregnancy**

Safety in pregnancy has not been established.

##### **Breastfeeding**

Vancomycin is excreted in human milk. Safety in breastfeeding women has not been established.

#### **4.7 Effects on ability to drive and use machines**

Vancomycin causes dizziness which may affect the ability to drive and use machines.

#### **4.8 Undesirable effects**

##### **a) Summary of the safety profile**

The most common adverse reactions are phlebitis, pseudo-allergic reactions and flushing of the upper body ("redneck syndrome") in connection with too rapid intravenous infusion of vancomycin.

The absorption of vancomycin from the gastrointestinal tract is negligible. However, in severe inflammation of the intestinal mucosa, especially in combination with renal insufficiency, adverse reactions that occur when vancomycin is administered parenterally may appear.

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Severe cutaneous adverse reactions (SCARs), including Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN), drug reaction with eosinophilia and systemic symptoms (DRESS) and acute generalized exanthematous pustulosis (AGEP) have been reported in association with vancomycin treatment (see **section 4.4**).

#### **b) Tabulated summary of adverse reactions**

##### **Infections and Infestations**

Frequency unknown: Overgrowth of non-susceptible organisms, super-infections

##### **Blood and lymphatic system disorders**

Less frequent: Agranulocytosis, eosinophilia, pancytopenia

Reversible neutropenia, thrombocytopenia, pancytopenia.

##### **Immune system disorders**

Less frequent: hypersensitivity reactions, Anaphylactic reactions

##### **Ear and labyrinth disorders**

Less frequent: Vertigo, dizziness, hearing loss, tinnitus, Ototoxicity

Frequency unknown:

##### **Cardiac disorders**

Less frequent: Cardiac arrest

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### **Vascular disorders**

Frequent: Hypotension

Less frequent: Vasculitis,

### **Respiratory, thoracic and mediastinal disorders**

Frequent: Dyspnoea, stridor

### **Gastrointestinal disorders**

Less frequent Nausea, pseudomembranous enterocolitis

Frequency unknown: inflammatory disorders of the intestinal mucosa, vomiting,  
diarrhoea

### **Skin and subcutaneous tissue disorders**

Frequent: Flushing of the upper body ("red man syndrome"),  
exanthema and mucosal inflammation, pruritus, urticaria

Less frequent: Linear IgA bullous dermatosis, Stevens-  
Johnson syndrome, Rashes (including  
exfoliative dermatitis), Toxic epidermal  
necrolysis (TEN)

Frequency unknown: eosinophilia and systemic symptoms (DRESS syndrome),  
AGEP (Acute  
Generalized Exanthematous Pustulosis)

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### **Renal and urinary disorders**

Frequent	Renal insufficiency manifested primarily by increased serum creatinine and serum urea
Less frequent	Interstitial nephritis, acute renal failure
Frequency unknown:	Nephrotoxicity, acute tubular necrosis

### **General disorders and administrative site conditions**

Frequent:	Phlebitis, redness of the upper body and face
Less frequent:	shivering, pain and muscle spasm of the chest and back muscles, fever
Frequency unknown:	chills,

### **c) Description of selected adverse reactions**

Reversible neutropenia usually starting one week or more after onset of intravenous therapy or after total dose of more than 25 g.

During or shortly after rapid infusion anaphylactic/anaphylactoid reactions including wheezing may occur. The reactions abate when administration is stopped, generally between 20 minutes and 2 hours. Vancomycin should be infused slowly (see **sections 4.2** and **4.4**). Necrosis may occur after intramuscular injection.

Tinnitus, possibly preceding onset of deafness, should be regarded as an indication to discontinue treatment.

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Ototoxicity has primarily been reported in patients given high doses, or in those on concomitant treatment with other ototoxic medicinal product like aminoglycoside, or in those who had a pre-existing reduction in kidney function or hearing.

#### **d) Paediatric population**

The safety profile is generally consistent among children and adult patients. Nephrotoxicity has been described in children, usually in association with other nephrotoxic agents such as aminoglycosides.

#### *Reporting of suspected adverse reactions*

Reporting suspected adverse reactions after authorisation of the medicine is important. It allows continued monitoring of the benefit/risk balance of the medicine. Health care providers are asked to report any suspected adverse reactions via the “Adverse drug reaction and quality problem reporting form” found online under SAHPRA’s publications: <https://www.sahpra.org.za/document/adverse-drug-reactions-and-quality-problemreporting-form> or to the Holder of certificate of registration through the mail: [pvg.cdma@heterogroups.com](mailto:pvg.cdma@heterogroups.com).

#### **4.9 Overdose**

**Supportive care is advised, with maintenance of glomerular filtration. BURNOME** is poorly removed by dialysis. Haemoperfusion may be of limited benefit.

### **5 PHARMACOLOGICAL PROPERTIES**

**Pharmacological classification:** A 20.1.1 Broad and Medium Spectrum Antibiotics

**ATC code:** J01 XA01 for intravenous use and A07 AA09 for oral use.

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## 5.1 Pharmacodynamic properties

Vancomycin is a glycopeptide antibiotic with primarily bactericidal action against a variety of Gram-positive bacteria. The bactericidal action of vancomycin results primarily from inhibition of cell-wall biosynthesis. In addition, vancomycin alters bacterial cell membrane permeability and RNA synthesis.

### Microbiology

- *Vancomycin is active against gram positive bacteria:*
- *Staphylococcus aureus* (including heterogeneous methicillin-resistant strains)
- *Staphylococcus epidermidis* (including heterogeneous methicillin-resistant strains)
- *Streptococcus pyogenes*
- *Streptococcus pneumoniae*
- *Streptococcus agalactiae*
- *Viridans group of streptococci*
- *Streptococcus bovis*
- Enterococci (e.g. *Enterococcus faecalis* [formerly *Streptococcus faecalis*]) - provided **BURNOME** is used in combination with aminoglycosides
- *Clostridium difficile* (e.g. toxigenic strains implicated in pseudomembranous enterocolitis)
- Diphtheroids

Inherently resistant

All Gram negative bacteria

Gram positive aerobic species

*Erysipelothrix rhusiopathiae*,

*Heterofermentative Lactobacillus*,

*Leuconostoc spp*

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*Pediococcus spp.*

### **Anaerobic species**

*Clostridium innocuum*

Vancomycin is not active *in vitro* against Gram-negative bacilli, mycobacteria, or fungi. *In vitro* sensitivity does not imply *in vivo* activity.

## **5.2 Pharmacokinetic properties**

### **Absorption**

Vancomycin is given intravenously for systemic disease indications, as it is poorly absorbed by the oral route.

### **Distribution**

Vancomycin is about 30 % bound to plasma proteins. The volume of distribution is about 60 L/1,73 m<sup>2</sup> body surface. Vancomycin diffuses readily across the placenta and is distributed into cord blood. In non-inflamed meninges, vancomycin passes the blood-brain barrier only to a low extent.

### **Biotransformation**

There is very little metabolism of the drug. After parenteral administration it is excreted almost completely as microbiologically active substance (approx. 75-90% within 24 hours) through glomerular filtration via the kidneys.

### **Elimination**

It has a serum elimination half-life of about 4 to 6 hours. Vancomycin is excreted unchanged by the kidneys, with 80 to 90 % of the dose excreted unchanged within 24 hours.

### **Linearity/non-linearity**

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Vancomycin concentration generally increases proportionally with increasing dose. Plasma concentrations during multiple dose administration are similar to those after the administration of a single dose.

### **Characteristics in specific groups of patients**

#### ***Renal impairment***

Vancomycin is primarily cleared by glomerular filtration. In patients with impaired renal function the terminal elimination half-life of vancomycin is prolonged and the total body clearance is reduced. Subsequently, optimal dose should be calculated in line with dosing recommendations provided in **section 4.2**.

#### ***Hepatic impairment***

Vancomycin pharmacokinetics is not altered in patients with hepatic impairment.

#### ***Pregnant Women***

Significantly increased doses may be required to achieve therapeutic serum concentrations in pregnant women

#### ***Overweight patients***

Vancomycin distribution may be altered in overweight patients due to increases in volume of distribution, in renal clearance and possible changes in plasma protein binding. In these sub populations vancomycin serum concentration was found higher than expected in male healthy adults (see **section 4.2**).

#### **Paediatric population**

Vancomycin PK has shown wide inter-individual variability in preterm and term neonates. In neonates, after intravenous administration, vancomycin volume of distribution varies between 0,38 and 0,97 L/kg, similar to adult values, while clearance varies between 0,63 and 1,4 ml/kg/min. Half-life varies between 3,5 and 10 h and is longer than in adults, reflecting the usual lower values for clearance in the neonate.

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In infants and older children, the volume of distribution ranges between 0,26-1,05 L/kg while clearance varies between 0,33-1,87 ml/kg/min.

## 6 PHARMACEUTICAL PARTICULARS

### 6.1 List of excipients

- Hydrochloric acid
- Nitrogen NF
- Sodium hydroxide
- Water for injection

### 6.2 Incompatibilities

This medicine must not be mixed with other medicines except those mentioned in **section 6.6**.

### 6.3 Shelf life

24 months

### 6.4 Special precautions for storage

- **Before reconstitution:** store at or below 25 °C.
- **After reconstitution:** store at 2 – 8 °C or below 25 °C for up to 24 hours.
- **After dilution:** with either 5 % glucose or 0,9 % sodium chloride. Store at 2 – 8 °C or below 25 °C for up to 24 hours.
- Keep the vial in the outer carton until required for use.

Applicant/PHRC: **Hetero Drugs South Africa (Pty) Ltd**

Product proprietary name: **BURNOME 500 mg & 1 g IV**

Dosage form and strength: **Lyophilized powder for solution for infusion**

**Each 20 ml vial contains vancomycin hydrochloride equivalent to vancomycin 500 mg**

**Each 30 ml vial contains vancomycin hydrochloride equivalent to vancomycin 1 g**

### **6.5 Nature and contents of container**

**BURNOME 500 mg IV** is supplied as a 20 ml round clear USP Type 1 tubular glass vial with a 20 mm grey colored bromo-butyl rubber stopper and a 20 mm sky blue colored poly propylene plastic button with lacquer coated aluminium flip off seal cap.

**BURNOME 1 g IV** is supplied as a 30 ml round clear USP Type 1 tubular glass vial with a 20 mm grey colored bromo-butyl rubber stopper and a 20 mm grey colored poly propylene plastic button with lacquer coated aluminium flip off seal cap.

Each vial is placed in an outer carton.

### **6.6 Special precautions for disposal and other handling**

#### ***Compatible fluids / diluents***

Product reconstituted in water for injection and diluted either in 5 % glucose or 0,9 % sodium chloride may be stored at 25 °C for 48 hours or in a refrigerator (2 to 8 °C) for 96 hours without significant loss of potency. Vancomycin solution has a low pH and may cause physical instability of other compounds. Parenteral medicinal products should be inspected visually for particulate matter and discolouration prior to administration, whenever solution or container permits.

Discard any unused contents.

## **7 HOLDER OF CERTIFICATE OF REGISTRATION**

Hetero Drugs South Africa (Pty) Ltd

Waterfall corporate campus,

Building no. 2, first floor,

74 waterfall drive,

Midrand 2066

Applicant/PHRC: **Hetero Drugs South Africa (Pty) Ltd**

Product proprietary name: **BURNOME 500 mg & 1 g IV**

Dosage form and strength: **Lyophilized powder for solution for infusion**

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Tell: 0126441220.

### **8 REGISTRATION NUMBER(S)**

BURNOME 500 mg IV: 54/20.1.1/0297.295

BURNOME 1 g IV: 54/20.1.1/0298.296

### **9 DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION**

11 July 2023

### **10 DATE OF REVISION OF THE TEXT**

11 July 2023