

Antimicrobial guidelines



This guideline has been adapted for statewide use with the support of the Victorian Paediatric Clinical Network

CENTRAL NERVOUS SYSTEM / EYE		
Infection	Likely organisms	Initial antimicrobials
Brain abscess	Often polymicrobial S. milleri and other streptococci Anaerobes Gram- negatives	3rd gen cephalosporir Metronidazole 7.5 mg
Post-neurosurgery	As above plus S. aureus S. epidermidis	As above add <u>Vancon</u> (<u>https://www.rch.org.a</u> 15 mg/kg (500 mg) IV
Encephalitis (https://www.rch.org.au/clinicalguide/guideline_index/Meningitis_encephalitis/)	Herpes simplex virus Enteroviruses Arboviruses M. pneumoniae	Aciclovir 20 mg/kg IV gestation to <3 month 500 mg/m² IV 8H (3 m 10 mg/kg IV 8H (>12 y
Meningitis (https://www.rch.org.au/clinicalguide/guideline_index/Meningitis_encephalitis/) (https://www.rch.org.au/clinicalguide/guideline_index/Meningitis_encephalitis/) Over 2 months of age	S. pneumoniae ⁵ N. meningitidis H. influenzae type b ⁶	3rd gen cephalosporir
Over 2 months of age and possibility of penicillin-resistant pneumococci ⁵	As above	3rd gen cephalosporir <u>Vancomycin</u> (https://www.rch.org.a 15 mg/kg (500 mg) IV
Under 2 months of age	As above plus Group B streptococci E. coli and other Gram- negative coliforms L. monocytogenes	Benzylpenicillin 60 mg 12H (week 1 of life) 6H (week 2–4 of life) 4H (>week 4 of life) a 3rd gen cephalosporir
With shunt infection, post-neurosurgery, head trauma or CSF leak	As for over 2 months of age plus S. epidermidis S. aureus Gram-negative coliforms incl. P. aeruginosa	Vancomycin (https://www.rch.org.a 15 mg/kg (500 mg) IV Ceftazidime 50 mg/kg
Contact prophylaxis (https://www.rch.org.au/clinicalguide/guideline_index/Contact_prophylaxis_for_invasive_meningococcal_or_Hib_disease/)	N. meningitidis	Ciprofloxacin 250 mg dose Unable to take tablets mg/kg (≥1 month) (ma

,		
Contact prophylaxis (https://www.rch.org.au/clinicalguide/guideline_index/Contact_prophylaxis_for_invasive_meningococcal_or_Hib_disease/)	H. influenzae type b	Rifampicin 20 mg/kg (
Postseptal (orbital) cellulitis (https://www.rch.org.au/clinicalguide/guideline_index/Periorbital_and_orbital_cellulitis/)	S. aureus H. influenzae spp. S. pneumoniae M. catarrhalis Gram- negatives Anaerobes	3rd gen cephalosporin
Preseptal (periorbital) cellulitis (https://www.rch.org_au/clinicalguide/guideline_index/Periorbital_and_orbital_cellulitis/) Mild	Group A streptococci S. aureus H. influenzae	Cefalexin 20 mg/kg (7
Moderate	spp.	Cefazolin 50 mg/kg (2 Ceftriaxone 50 mg/kg
Severe, or not responding, or under 5 years of age and non-Hib immunised	As above plus H. influenzae type b ⁶	3rd gen cephalosporin

CARDIOVASCULAR			
Infection	Likely organisms	Initial antimicrobials ¹ (maximum dose)	Duration of treatment ² and other comments
Endocarditis Native valve or homograft	Viridans streptococci Other streptococci Enterococcus spp. S. aureus	Benzylpenicillin 60 mg/kg (2 g) IV 6H and Flucloxacillin 50 mg/kg (2 g) IV 6H and Gentamicin 7.5 mg/kg (320 mg) IV daily (<10 years) 6 mg/kg (560 mg) IV daily (≥10 years)	4–6 weeks Gentamicin 1 mg/kg (max 80
Artificial valve, post- surgery or suspected MRSA ³	As above plus S. epidermidis	Vancomycin (https://www.rch.org.au/clinicalguide/guideline_index/Vancomycin/) 15 mg/kg (500 mg) IV 6H and Flucloxacillin 50 mg/kg (2 g) IV 6H and Gentamicin 7.5 mg/kg (320 mg) IV daily (<10 years) 6 mg/kg (560 mg) IV daily (≥10 years)	mg) IV 8H for 1–2 weeks when used only for synergy (Gentamicin monitoring is generally not required with low dose in this setting)
Endocarditis prophylaxis For dental procedures only	Viridans streptococci S. aureus S. pneumoniae Other Gram-positive cocci Enterococcus spp.	Amoxicillin 50 mg/kg (2 g) Local anaesthetic: give orally 1 hour before procedure General anaesthetic: give IV with induction	Penicillin hypersensitivity: substitute Amoxicillin with Cefalexin 50 mg/kg (max 2 g) oral Immediate or severe penicillin hypersensitivity: substitute with Clindamycin 20 mg/kg (max 600 mg) oral or IV

GASTROINTESTINAL				
Infection	Likely organisms	Initial antimicrobials ¹ (maximum dose)	Duration of treatment ² and other comments	
<u>Diarrhoea</u> (https://www.rch.org.au/clinicalguide/guideline_index/Gastroenteritis/) Salmonella spp. isolated in infant under 3 months of age or in immunocompromised	Salmonella spp.	3rd gen cephalosporin ⁴	5–7 days Antibiotic treatment is generally unnecessary for most other organisms Consider adding Azithromycin in returned travellers from regions with high prevalence of cephalosporin resistance	
Antibiotic-associated	C. difficile	Metronidazole 7.5 mg/kg (400 mg) oral tds	7–10 days	

Giardiasis	G. lamblia	Metronidazole 30 mg/kg (2 g) oral daily	3 days
Intra-abdominal infection (eg appendicitis, cholangitis, peritonitis)	Gram-negative coliforms Anaerobes <i>Enterococcus</i> spp.	Ampicillin or Amoxicillin 50 mg/kg (2 g) IV 6H and Gentamicin 7.5 mg/kg (320 mg) IV daily (<10 years) 6 mg/kg (560 mg) IV daily (≥10 years) and Metronidazole 7.5 mg/kg (500 mg) IV 8H	Up to 14 days See footnote 7 re Gentamicin dosing/monitoring
Threadworm (Pinworm)	Enterobius vermicularis	Mebendazole 50 mg oral (<10 kg) 100 mg oral (≥10 kg) or Pyrantel 10 mg/kg (1 g) oral	Single dose; may need to repeat after 14 days Treat whole family

GENITOURINARY			
Infection	Likely organisms	Initial antimicrobials ¹ (maximum dose)	Duration of treatment ² and other comments
<u>Urinary tract infection</u> (https://www.rch.org.au/clinicalguide/guideline_index/Urinary_tract_infection/) (https://www.rch.org.au/clinicalguide/guideline_index/Urinary_tract_infection/) Over 3 months of age and not sick	E. coli P. mirabilis K. oxytoca Other Gramnegatives	Cefalexin 20 mg/kg (500 mg) oral bd or Trimethoprim 4 mg/kg (150 mg) oral bd or Trimethoprim/Sulfamethoxazole (8/40 mg/mL) 0.5 mL/kg (20 mL) oral bd	5 days
Under 3 months of age or sick or acute pyelonephritis	As above plus Enterococcus spp.	Benzylpenicillin 60 mg/kg (2 g) IV 6H <i>and</i> Gentamicin 7.5 mg/kg (320 mg) IV daily (<10 years) 6 mg/kg (560 mg) IV daily (≥10 years) 5 mg/kg (320 mg) IV daily (week 1 of life)	5–7 days for UTI 7–10 days for pyelonephritis (consider early switch to Cefalexin 45 mg/kg (max 1.5 g) oral tds) See footnote 6 re Gentamicin dosing/monitoring
UTI prophylaxis	As above	Trimethoprim 2 mg/kg (150 mg) oral daily or Trimethoprim/Sulfamethoxazole (8/40 mg/mL) 0.25 mL/kg (20 mL) oral daily	Routine prophylaxis is not recommended

RESPIRATORY			
Infection	Likely organisms	Initial antimicrobials ¹ (maximum dose)	Duration of treatment ² and
Epiglottitis (https://www.rch.org.au/clinicalguide/guideline_index/Acute_upper_airway_obstruction/)	H. influenzae type b ⁶	Ceftriaxone 50 mg/kg (1 g) IV daily	5 days Consider addition of Dexamet
Gingivostomatitis (https://www.rch.org.au/clinicalguide/guideline_index/HSV_Gingivostomatitis/) (https://www.rch.org.au/clinicalguide/guideline_index/HSV_Gingivostomatitis/) In immunocompromised In immunocompetent (only if within 72 hours of onset with severe pain and dehydration)	Herpes simplex virus	Aciclovir 500 mg/m² IV 8H (3 months–12 years) 10 mg/kg IV 8H (>12 years) Consider Aciclovir 10 mg/kg (400 mg) oral five times daily	7 days Until no new lesions Newer

2/07/2025, 11:51 Clinical Practice Guid	ennes . / themne	Tobiai guidennes	
Influenza_(https://www.rch.org.au/clinicalguide/guideline_index/Influenza/)	Influenza A, B	Oseltamivir 3 mg/kg oral bd (Birth – 12 months) 30 mg oral bd (>12 months and <15 kg) 45 mg oral bd (15-23 kg) 60 mg oral bd (23-40 kg) 75 mg oral bd (>40 kg)	5 days
Otitis externa Acute diffuse	S. drops		7 days Clean ear canal (± insertion of wick soaked in
Acute localised (furuncle) ± cellulitis	S. aureus Group A streptococci	As for cellulitis	5 days
Failure of first-line treatment, high fever or severe persistent pain	As above plus P. aeruginosa	Piperacillin/Tazobactam 100 mg/kg (4 g) (Piperacillin component) IV 8H	14 days minimum Consider fungal infection
Otitis media (https://www.rch.org.au/clinicalguide/guideline_index/Acute_otitis_media/)	Viruses S. pneumoniae M. catarrhalis H. influenzae spp. Group A streptococci	Consider no antibiotics for 48 hours if over 6 months of age If treatment indicated Amoxicillin 30 mg/kg (1 g) oral bd	5 days Treatment indicated if infection associated with cochlear important and accordance in the cochlear in the cochlear important and accordance in the cochle
Pertussis (https://www.rch.org.au/clinicalguide/guideline_index/Whooping_Cough_Pertussis/)	B. pertussis	Azithromycin 10 mg/kg (500 mg) oral daily (Birth – 6 months), 10 mg/kg oral on Day 1, then 5 mg/kg (250 mg) daily (≥6 months)	5 days Can be given up to 3 weeks symptoms <3 weeks
Pneumonia (https://www.rch.org.au/clinicalguide/guideline_index/Community_acquired_pneumonia/) (https://www.rch.org.au/clinicalguide/guideline_index/Community_acquired_pneumonia/) Mild (outpatient)	Viruses S. pneumoniae H. influenzae spp.	Amoxicillin 30 mg/kg (1 g) oral tds	3-5 days
Moderate (inpatient)	As above	Amoxicillin 30 mg/kg (1 g) oral tds	5 days Consider Benzylpenicillin 60 to tolerate oral intake or vom
Severe (≥2 of: severe respiratory distress, severe hypoxaemia or cyanosis, marked tachycardia, altered mental state OR empyema ie requiring ICU care)	As above plus S. aureus Group A streptococci Gramnegatives	3rd gen cephalosporin ⁴	10 days minimum ² Consider adding Azithromycii to cover <i>M. pneumoniae</i> and Oseltamivir to cover <u>influenza (https://www.rch.org.au/clinic</u> virus

Tonsillitis (https://www.rch.org.au/clinicalguide/guideline_index/Sore_throat/)	Viruses Group A streptococci (GAS)	Features of GAS infection in child ≥4 years AND high-risk group or suppurative complications: Phenoxymethylpenicillin (Penicillin V) 250 mg oral bd (<20 kg) 500 mg oral bd (≥20 kg) or Benzathine benzylpenicillin 450mg (600 000 units) IM (<20 kg), 900 mg (1.2 million units) IM (>20 kg) as a single dose	10 days oral treatment High-risk groups: Indigenous Australians Maori and Pacific Islander Personal history of rheumat disease Family history of rheumatic Immunosuppressed
Quinsy (peritonsillar abscess)		Benzylpenicillin 50 mg/kg (1.2g) IV 6H	Continue IV therapy for 1-2 da drainage, then switch to oral the days
Retropharyngeal abscess		Amoxicillin/Clavulanate 25 mg/kg (1 g) (Amoxicillin component) IV 8H (≥3 months and ≥4 kg)	10-14 days

SKIN/SOFT TISSUE/BONE

Infection	Likely organisms	Initial antimicrobials ¹ (maximum dose)
Bites (animal/human). (https://www.rch.org.au/clinicalguide/guideline_index/Cellulitis_and_other_bacterial_skin_infections/).	Viridans streptococci S. aureus Group A streptococci Oral anaerobes E. corrodens Pasteurella spp. (cat and dog) C. canimorsus (dog)	Amoxicillin/Clavulanate (400/57 mg/5 mL) 2: (Amoxicillin component) 0.3 mL/kg (11 mL) o
If severe, penetrating injuries, esp. involving joints or tendons	As above	Amoxicillin/Clavulanate 25 mg/kg (1 g) (Amoxicillin component) IV 1 or <4 kg), 8H (≥3 months and ≥4 kg)

Cellulitis (https://www.rch.org.au/clinicalguide/guideline_index/Cellulitis_and_other_bacterial_skin_infections/) (https://www.rch.org.au/clinicalguide/guideline_index/Cellulitis_and_other_bacterial_skin_infections/) Mild/moderate (outpatient)	Group A streptococci S. aureus	Cefalexin 20 mg/kg (750 mg) oral tds
Moderate/severe (inpatient)		Cefazolin 50 mg/kg (2 g) IV 8H or Ceftriaxone 50 mg/kg (2 g) IV daily (for hosp
Facial cellulitis in child under 5 years of age and non-Hib immunised	As above plus S. pneumoniae H. influenzae spp. 6	3rd gen cephalosporin ⁴
Necrotising fasciitis	As above	Vancomycin (https://www.rch.org.au/clinicalguide/guideli 15 mg/kg (500 mg) IV 6H and Meropenem 20 mg/kg (1 g) IV 8H and Clindamycin 15 mg/kg (600 mg) IV 8H
Dental abscess	Often polymicrobial Viridans and anginosus group streptococci Oral anaerobes S. aureus	Amoxicillin 25 mg/kg (500 mg) oral tds or Bomg/kg (1.2g) IV 6H
Head lice	Pediculus humanus var. capitis	Dimeticone 4% gel
Impetigo (https://www.rch.org.au/clinicalguide/guideline_index/Cellulitis_and_other_bacterial_skin_infections/)	Group A streptococci S. aureus	Mupirocin 2% ointment top tds if localised or Cefalexin 20 mg/kg (750 mg) oral tds
<u>Lymphadenitis (cervical)</u> (https://www.rch.org.au/clinicalguide/guideline_index/Cervical_lymphadenopathy/) Mild	S. aureus Group A streptococci Oral anaerobes	Cefalexin 20 mg/kg (750 mg) oral tds
Severe	As above	Cefazolin 50 mg/kg (2 g) IV 8H
Osteomyelitis (https://www.rch.org.au/clinicalguide/guideline_index/Bone_and_joint_infection/) (https://www.rch.org.au/clinicalguide/guideline_index/Osteomyelitis_and_septic_arthritis/) Uncomplicated	S. aureus Group A streptococci Kingella kingae (partic ≤4y) S. pneumoniae	Cefazolin 50 mg/kg (2 g) IV 8H
If under 5 years of age and non-Hib immunised	As above plus <i>H</i> . influenzae type b ⁶	3rd gen cephalosporin ⁴
In patient with sickle cell anaemia	As above plus Salmonella spp.	3rd gen cephalosporin ⁴
With penetrating foot injury	As above plus <i>P.</i> aeruginosa	Piperacillin/Tazobactam 100 mg/kg (4 g) (Pi IV 6H

Scabies	Sarcoptes scabiei	Permethrin 5% cream top
Septic arthritis (https://www.rch.org.au/clinicalguide/guideline_index/Bone_and_joint_infection/)	As for osteomyelitis	As for osteomyelitis
Chickenpox (https://www.rch.org.au/clinicalguide/guideline_index/Chickenpox_varicella/) (https://www.rch.org.au/clinicalguide/guideline_index/Chickenpox_varicella/) In immunocompromised or neonate Shingles In immunocompromised Involving eye	Varicella zoster virus	Aciclovir 20 mg/kg IV 12H (<30 weeks gestation – <3 mths corrected age) 500 mg/m² IV 8H (3 months – 12 years), 10 years) Oral treatment (above) <i>and</i> Aciclovir ointme day

Infection	Likely organisms	Initial antimicrobials ¹ (maximum do
Sepsis (https://www.rch.org.au/clinicalguide/guideline_index/SEPSIS_assessment_and_management/) (https://www.rch.org.au/clinicalguide/guideline_index/SEPSIS_assessment_and_management/) Community-acquired infection	Group B streptococci E. coli and other Gram- negative coliforms L. monocytogenes H. influenzae spp.6 plus those listed below for 'Septicaemia with unknown CSF'	Benzylpenicillin 60 mg/kg IV 12H (week 1 of life) 6H (week 2–4 of life) 4H (>week 4 of life) and 3rd gen cephalosporin ⁴
If abdominal source suspected	As above plus Anaerobes	Amoxicillin or Ampicillin 50 mg/kg (2 g) Gentamicin 5 mg/kg IV 24H (week 1 o thereafter <i>and</i> Metronidazole 15 mg/kg IV stat, then 7

Sepsis with unknown CSF (https://www.rch.org.au/clinicalguide/guideline_index/SEPSIS_assessment_and_management/) Meningitis not excluded	S. pneumoniae ⁵ N. meningitidis S. aureus Group A streptococci Gram- negatives	3rd gen cephalosporin (high dose) ⁴
If central line in situ (non-oncology) or suspected MRSA infection	As above plus S. epidermidis	Add <u>Vancomycin</u> (https://www.rch.org.au/clinicalguide/gmg/kg (500 mg) IV 6H
Sepsis with normal CSF (https://www.rch.org.au/clinicalguide/guideline_index/SEPSIS_assessment_and_management/). Meningitis excluded: clinically (and LP therefore not performed) or normal CSF	As above	Cefazolin 50 mg/kg (2 g) IV 8H and Gentamicin 7.5 mg/kg (320 mg) IV da mg) IV daily (≥10 years)
In non-Hib immunised	As above plus H. influenzae type b ⁶	3rd gen cephalosporin ⁴
In neutropenic patient (https://www.rch.org.au/clinicalguide/guideline_index/Fever_and_suspected_or_confirmed_neutropenia/)	As above plus Enterococcus spp. P. aeruginosa	Piperacillin/Tazobactam 100 mg/kg (4 6H (8H if <6 months) If systemic compromise <i>or</i> high-risk conset of symptoms add Amikacin 22.5 mg/kg (1.5 g) IV dg) IV daily (≥10 years)
In neutropenic patient with potential line infection (https://www.rch.org.au/clinicalguide/guideline_index/Fever_and_suspected_or_confirmed_neutropenia/) (or with severe sepsis or suspected resistant Gram-positive infection)	As above plus Gram-positive cocci incl. S. epidermidis	Piperacillin/Tazobactam as above and Amikacin as above and <u>Vancomycin</u> (https://www.rch.org.au/clinicalguide/gmg/kg (500 mg) IV 6H
Toxic shock syndrome	S. aureus Group A streptococci	3rd gen cephalosporin (high dose) ⁴ a <u>Vancomycin</u> (https://www.rch.org.au/clinicalguide/e mg/kg (500 mg) IV 6H and Clindamycin 15 mg/kg (600 mg) IV 8I Intravenous immunoglobulin 2 g/kg IN

Notes to antimicrobial guidelines

- These guidelines have been developed to assist doctors with their choice of initial empiric treatment
- Except where specified, they do not apply to neonates or immunocompromised patients
- Always ask about previous hypersensitivity reactions to antibiotic
- · The choice of antimicrobial, dose and frequency of administration for continuing treatment may require adjustment according to the clinical situation
- The recommendations are not intended to be prescriptive and alternative regimens may also be appropriate
- Antimicrobial recommendations may vary according to local antimicrobial susceptibility patterns; please refer to <u>local guidelines</u> (https://www.rch.org.au/clinicalguide/guideline_index/Local_Antimicrobial_Guidelines/)

1. Antimicrobial choice and dose

- Antibiotics should be changed to narrow spectrum agents once sensitivities are known
- Dose adjustments may be necessary for neonates, and for children with renal or hepatic impairment
- Alternative antimicrobial regimens may be more appropriate for neonates, immunocompromised patients or others with a special infection risk (e.g. cystic fibrosis, sickle cell anaemia)
- Resistance to antimicrobials is an increasing problem worldwide. Of particular concern is the increasing incidence of penicillin-resistant pneumococci (see footnote 5). It is important to take into account local resistance patterns when using these guidelines

2. Duration of treatment

- Duration of treatment is given as a guide only and may vary with the clinical situation
- · 'Step down' from intravenous to oral treatment is appropriate in many cases
- Durations given generally refer to the minimum total intravenous plus oral treatment (See <u>McMullan et al. Lancet Infect Dis. 2016;16:e139-52 (https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(16)30024-X/fulltext) or this <u>PDF version</u> (<u>www.rch.org.au/uploadedFiles/Main/Content/clinicalguide/guideline_index/IV to oral switch.pdf</u>).)</u>

3. Methicillin-resistant Staphylococcus aureus (MRSA)

- If penicillin hypersensitivity or risk of MRSA: substitute Cefazolin or Flucloxacillin with <u>Vancomycin</u> (https://www.rch.org.au/clinicalguide/guideline_index/Vancomycin/) 15 mg/kg (500 mg) IV 6H or Clindamycin 15mg/kg (600 mg) oral tds or Trimethoprim with sulfamethoxazole (8/40 mg/mL) 4/20 mg/kg bd (320/1600 mg) oral bd
- · Risk factors for infection with MRSA:
 - · Residence in an area with high prevalence of MRSA, eg Northern Territory, remote communities in northern Queensland
 - · Previous colonisation or infection with MRSA (particularly recent)
 - · Aboriginal and Torres Strait Islander or Pacific Islander child

4. Third-generation cephalosporins

- Cefotaxime: 50 mg/kg (2 g) IV 12H (week 1 of life), 6-8H (week 2-4 of life), 6H (>week 4 of life)
- Ceftriaxone:
 - · standard dose 50 mg/kg (2 g) IV daily;
 - severe infection (including meningitis, brain abscess and orbital cellulitis) 100 mg/kg (4 g) IV daily
 - Where possible, ceftriaxone should be avoided in neonates <41 weeks gestation, particularly if jaundiced or receiving calcium containing solutions, including TPN

5. Pneumococci with reduced susceptibility to penicillin

- The prevalence of invasive strains that are highly resistant to penicillin or cephalosporins in Melbourne remains low
- A third-generation cephalosporin remains the drug of first choice for the empiric treatment of meningitis, however <u>Vancomycin</u> (https://www.rch.org.au/clinicalguide/guideline_index/Vancomycin/) should be added if *S. pneumoniae* is suspected (eg Gram-positive cocci on CSF microscopy). This should be stopped if *S. pneumoniae* sensitivity to a third-generation cephalosporin is confirmed, as will be the case with most isolates, or once an alternative aetiology is confirmed
- Penicillin remains the drug of first choice for the empiric treatment of non-CNS infections, such as suspected pneumococcal pneumonia, regardless of susceptibility. High doses of penicillin overcome resistance in this setting and should be used for confirmed non-CNS infection caused by penicillin-resistant pneumococci

6. Invasive H. influenzae type b disease

- Since the introduction of H. influenzae type b (Hib) immunisation, there has been a dramatic decline in the incidence of invasive disease
- · However, in children with potential invasive disease who are not fully immunised against Hib, therapy should include cover against Hib

Therapeutic dose monitoring

Gentamicin once-daily dosing

- Once-daily administration of gentamicin is safe and effective for most patients. Certain patients, such as neonates and those with cystic fibrosis, endocarditis or renal failure, may require special dosing consideration
- The regimen for monitoring Gentamicin levels is different for once-daily and 8, 12 or 18H dosing, and depends on renal function:
 - Normal renal function if more than 3 doses required, the trough level (pre-dose) should be checked before the third dose and then every 3 days (target level <1 mg/L)
 - Abnormal renal function trough levels may need to be checked earlier and more frequently (target level <1 mg/L)
 - Renal failure levels should be checked prior to each dose and the results should be discussed with a specialist familiar with therapeutic drug monitoring before the next dose is given

Vancomycin (https://www.rch.org.au/clinicalguide/guideline_index/Vancomycin/)

• Target trough level 10-15 mg/L for cellulitis, 15-20 mg/L for severe infection (bacteraemia, endocarditis, pneumonia, osteomyelitis, meningitis) or known high MIC

Last updated February 2025