


HYDROCHLOROTHIAZIDE

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Formulary: Unrestricted Any prescriber may initiate treatment as per guideline	
Presentation	Oral Suspension: 10 mg/mL (prepared in pharmacy) Tablet: 25 mg
Drug Class	Thiazide diuretic
Indication	<ul style="list-style-type: none"> Hypertension Prevention and treatment of broncho-pulmonary dysplasia (BPD) Chronic lung disease Fluid overload In conjunction with diazoxide to counter fluid retention
Special Considerations	<ul style="list-style-type: none"> Displaces bilirubin, use caution in patients with jaundice Use caution in patients with hypokalaemia and/or hyponatraemia Decreases renal excretion of calcium Increases urine output, potassium and phosphorus excretion Avoid use in patients with significant renal or hepatic impairment
Monitoring	<ul style="list-style-type: none"> Urine output and weight Blood pressure Serum sodium, potassium, calcium, phosphorous and glucose
Interactions	Concurrent use with other diuretics will have an increased diuretic effect and adverse effect profile. Alternate dose times to reduce this effect.
Side Effects	Hyponatraemia, hypokalaemia, hyperuricaemia, hypercalcaemia, hypotension, hyperglycaemia.
Storage & Stability	Oral Suspension: Store at room temperature, below 25°C.
Comments	Effect increased when combined with furosemide or spironolactone.

ORAL	Presentation (for oral use)	Oral Suspension: 10 mg/mL (prepared in pharmacy)	
	Dosage	1 to 2 mg/kg every 12 to 24 hours <ul style="list-style-type: none"> Dose adjustment: adjust dose and frequency according to response and electrolyte levels Renal impairment: half life is prolonged with renal impairment (adult data) 	
	Administration	<ul style="list-style-type: none"> Shake well before use Draw prescribed dose into oral/enteral syringe Can be given Oral/OGT/NGT Give with or soon after a feed to enhance absorption 	


References

Australasian Neonatal Medicines Formulary (ANMF). Hydrochlorothiazide. In: Australasian Neonatal Medicines Formulary [Internet]. [Sydney, New South Wales; 2021 [cited 2024 Sep 09]. Available from: www.anmfonline.org

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