Model List of Essential Medicines

Acetylsalicylic acid

Section	Indications
Medicines for acute migraine attacks ◦ Oral > Solid: 300 to 500 mg	Migraine

Aciclovir

Section	Indications
Medicines for viral central nervous system infections ◦ Parenteral > General injections > IV: 250 mg in vial powder for solution for infusion (as sodium dihydrate); 25 mg per mL in vial solution for infusion (as sodium) ◦ Oral > Liquid: 200 mg per 5 mL ◦ Oral > Solid: 200 mg tablet ◦ Parenteral > General injections > IV: 250 mg in vial powder for solution for infusion (as sodium diihydrate); 25 mg per mL in vial solution for infusion (as sodium)	Zoster Herpes simplex infections Varicella

Amitriptyline

Section	Indications
Medicines for migraine prophylaxis ◦ Oral > Solid > tablet: 25 mg	Migraine

Amoxicillin

Section	Indications
Medicines for bacterial central nervous system infections ◦ Oral > Liquid: 125 mg per 5 mL (as trihydrate) powder for oral liquid; 250 mg per 5 mL (as trihydrate) powder for oral liquid ◦ Parenteral > General injections > unspecified: 250 mg in vial (as sodium) powder for injection; 500 mg in vial (as sodium) powder for injection; 1 g in vial (as sodium) powder for injection ◦ Oral > Solid > dispersible tablet: 250 mg (scored) (as trihydrate); 500 mg (scored) (as trihydrate) ◦ Oral > Solid > dosage form: 250 mg (as trihydrate); 500 mg (as trihydrate)	**Second choice** Bacterial meningitis

Ampicillin

Section	Indications
Medicines for bacterial central nervous system infections ◦ Parenteral > General injections > unspecified: 500 mg in vial (as sodium salt) powder for injection; 1 g in vial (as sodium salt) powder for injection	**Second choice** Bacterial meningitis

Baclofen

Section	Indications
Medicines for cerebral palsy ◦ Oral > Liquid: 10 mg per 5 mL ◦ Parenteral > Locoregional injections > Intrathecal: 500 µg per mL in ampoule ◦ Oral > Solid > tablet: 10 mg	Spastic cerebral palsy

Benzylpenicillin

Section	Indications
Medicines for bacterial central nervous system infections ◦ Parenteral > General injections > unspecified: 600 mg in vial powder for injection (=1 million IU as sodium or potassium salt); 3 g in vial powder for injection (=5 million IU as sodium or potassium salt)	**Second choice** Bacterial meningitis

Biperiden

Section	Indications
Medicines for parkinsonism ◦ Parenteral > General injections > IV: 5 mg per mL in 1 mL ampoule (lactate) ◦ Oral > Solid: 2 mg tablet (hydrochloride)	Parkinson disease

Bisoprolol

Section	Indications
Medicines for migraine prophylaxis ◦ Oral > Solid: 1.25 mg; 5 mg	Migraine

Bromocriptine

Section	Indications
Medicines for central nervous system disorders ◦ Oral > Solid: 2.5 mg; 5 mg	Parkinson disease

Cabergoline

Section	Indications
Medicines for central nervous system disorders ◦ Oral > Solid > tablet: 0.5 mg	Parkinson disease

Carbamazepine

Section	Indications
Antiseizure medicines ◦ Oral > Liquid: 100 mg per 5 mL ◦ Oral > Solid > tablet: 100 mg (scored); 200 mg (scored); 100 mg (chewable); 200 mg (chewable); 400 mg (scored)	Epilepsy or seizures

Cefotaxime

Section	Indications
Medicines for bacterial central nervous system infections ◦ Parenteral > General injections > unspecified: 250 mg in vial powder for injection (as sodium salt); 500 mg in vial powder for injection (as sodium salt); 1 g in vial powder for injection (as sodium salt); 2 g in vial powder for injection (as sodium salt)	**First choice** Bacterial meningitis

Ceftriaxone

Section	Indications
Medicines for bacterial central nervous system infections ◦ Parenteral > General injections > unspecified: 250 mg in vial powder for injection (as sodium salt); 500 mg in vial powder for injection (as sodium salt); 1 g in vial powder for injection (as sodium salt); 2 g in vial powder for injection (as sodium salt)	**First choice** Bacterial meningitis

Chloramphenicol

Section	Indications
Medicines for bacterial central nervous system infections ◦ Parenteral > General injections > IV: 1 g in vial powder for injection (sodium succinate) ◦ Parenteral > General injections > IM: 500 mg in 2 mL ampoule oily suspension for injection	**Second choice** Bacterial meningitis

Cladribine

Section	Indications
Medicines for multiple sclerosis ◦ Oral > Solid > tablet: 10 mg	Multiple sclerosis

Clonazepam

Section	Indications
Medicines for central nervous system disorders ◦ Oral > Solid: 500 µg	Generalised myoclonic seizure

Diazepam

Section	Indications
Antiseizure medicines ◦ Local > Rectal > Gel: 5 mg per mL in 0.5 mL rectal delivery system; 5 mg per mL in 2 mL rectal delivery system; 5 mg per mL in 4 mL rectal delivery system ◦ Local > Rectal > Solution: 2 mg per mL in 1.25 mL rectal tube; 2 mg per mL in 2.5 mL rectal tube; 4 mg per mL in 2.5 mL rectal tube	Therapeutic equivalent to lorazepam for Status epilepticus Status epilepticus

Dihydroergocryptine mesylate

Section	Indications
Medicines for central nervous system disorders ◦ Oral > Solid:	Parkinson disease

Eletriptan

Section	Indications
Medicines for acute migraine attacks ◦ Oral > Solid > tablet: 40 mg	Therapeutic equivalent to sumatriptan for Migraine

Eptinezumab

Section	Indications
Medicines for migraine prophylaxis	Therapeutic equivalent to fremanezumab for Chronic migraine

Erenumab

Section	Indications
Medicines for migraine prophylaxis	Therapeutic equivalent to fremanezumab for Chronic migraine

Ethosuximide

Section	Indications
Antiseizure medicines ◦ Oral > Liquid: 250 mg per 5 mL ◦ Oral > Solid: 250 mg	Absence seizures, typical

Fremanezumab

Section	Indications
Medicines for migraine prophylaxis ◦ Parenteral > General injections > SC: 225 mg per 1.5 mL in pre-filled syringe	Chronic migraine

Galcanezumab

Section	Indications
Medicines for migraine prophylaxis	Therapeutic equivalent to fremanezumab for Chronic migraine

Gentamicin

Section	Indications
Medicines for bacterial central nervous system infections ◦ Parenteral > General injections > unspecified: 10 mg per mL in 2 mL vial (as sulfate); 40 mg per mL in 2 mL vial (as sulfate)	**First choice** Neonatal meningitis

Glatiramer acetate

Section	Indications
Medicines for multiple sclerosis ◦ Parenteral > General injections > SC: 20 mg per mL; 40 mg per mL ◦ Parenteral > General injections > SC: 20 mg per mL in pre-filled syringe; 40 mg per mL in pre-filled syringe	Relapsing-remitting multiple sclerosis Multiple sclerosis

Ibuprofen

Section	Indications
Medicines for acute migraine attacks ◦ Oral > Liquid: 100 mg per 5 mL; 200 mg per 5 mL ◦ Oral > Solid > tablet: 200 mg; 400 mg	Migraine

Lamotrigine

Section	Indications
Antiseizure medicines ◦ Oral > Solid: 25 mg tablet; 50 mg tablet; 100 mg tablet; 200 mg tablet; 2 mg tablet (chewable, dispersible); 5 mg tablet (chewable, dispersible); 25 mg tablet (chewable, dispersible); 50 mg tablet (chewable, dispersible); 100 mg tablet (chewable, dispersible); 200 mg tablet (chewable, dispersible)	Epilepsy or seizures

Levetiracetam

Section	Indications
Antiseizure medicines ◦ Oral > Liquid: 100 mg per mL ◦ Oral > Solid > tablet: 250 mg; 500 mg; 750 mg; 1000 mg ◦ Parenteral > General injections > IV: 100 mg per mL in 5 mL ampoule or vial; 5 mg per mL in 100 mL bag; 10 mg per mL in 100 mL bag; 15 mg per mL in 100 mL bag	Epilepsy or seizures Status epilepticus

Levodopa

Section	Indications
Medicines for parkinsonism ◦ Oral > Solid: 250 mg	Parkinson disease

Levodopa + benserazide

Section	Indications
Medicines for parkinsonism	Therapeutic equivalent to levodopa + carbidopa for Parkinson disease

Levodopa + carbidopa

Section	Indications
Medicines for parkinsonism ◦ Oral > Solid: 100 mg + 10 mg tablet; 250 mg + 25 mg tablet; 100 mg + 25 mg tablet	Parkinson disease

Lorazepam

Section	Indications
Antiseizure medicines ◦ Parenteral > General injections > IV: 2 mg per mL in 1 mL ampoule; 4 mg per mL in 1 mL ampoule	Status epilepticus

Magnesium sulfate

Section	Indications
Antiseizure medicines ◦ Parenteral > General injections > IV: 500 mg per mL in 2 mL ampoule (equivalent to 1 g in 2 mL; 50% weight/volume) ◦ Parenteral > General injections > IM: 500 mg per mL in 10 mL ampoule (equivalent to 5 g in 10 mL; 50% weight/volume)	Severe pre-eclampsia Eclampsia

Meropenem

Section	Indications
Medicines for bacterial central nervous system infections ◦ Parenteral > General injections > IV: 500 mg in vial (as trihydrate) powder for injection; 1 g in vial (as trihydrate) powder for injection	**Second choice** Neonatal meningitis

Midazolam

Section	Indications
Antiseizure medicines ◦ Parenteral > General injections > unspecified: 1 mg per mL in 5 mL vial (for buccal administration); 5 mg per mL in 1 mL vial (for buccal administration); 5 mg per mL in 3 mL vial (for buccal administration) ◦ Local > Buccal > Solution: 5 mg per mL in 0.5 mL pre-filled syringe (for oromucosal administration); 5 mg per mL in 1 mL pre-filled syringe (for oromucosal administration); 5 mg per mL in 1.5 mL pre-filled syringe (for oromucosal administration); 5 mg per mL in 2 mL pre-filled syringe (for oromucosal administration); 10 mg per mL in 0.25 mL pre-filled syringe (for oromucosal administration); 10 mg per mL in 0.5 mL pre-filled syringe (for oromucosal administration); 10 mg per mL in 0.75 mL pre-filled syringe; 10 mg per mL in 1 mL pre-filled syringe (for oromucosal administration)	Therapeutic equivalent to lorazepam for Status epilepticus Status epilepticus

Naproxen

Section	Indications
Medicines for acute migraine attacks	Therapeutic equivalent to ibuprofen for Migraine

Ocrelizumab

Section	Indications
Medicines for multiple sclerosis ◦ Parenteral > General injections > IV: 30 mg per mL in 10 mL vial ◦ Parenteral > General injections > IV: 30 mg per mL in 10 vial concentrate for solution	Relapsing-remitting multiple sclerosis Multiple sclerosis

Paracetamol (acetaminophen)

Section	Indications
Medicines for acute migraine attacks ◦ Oral > Liquid: 125 mg per 5 mL; 120 mg per 5 mL; 250 mg per 5 mL ◦ Local > Rectal > Suppository: 250 mg ◦ Oral > Solid > dispersible tablet: 100 mg; 250 mg ◦ Oral > Solid > tablet: 250 mg; 325 mg; 500 mg	Migraine

Phenobarbital

Section	Indications
Antiseizure medicines ◦ Parenteral > General injections > IV: 200 mg per mL (phenobarbital sodium); 30 mg per mL (phenobarbital sodium); 60 mg per mL (phenobarbital sodium) ◦ Oral > Liquid: 15 mg per 5 mL ◦ Oral > Solid > tablet: 15 mg; 30 mg; 60 mg; 100 mg	Status epilepticus Epilepsy or seizures

Phenytoin

Section	Indications
Antiseizure medicines ◦ Oral > Liquid: 30 mg per 5 mL (phenytoin) ◦ Parenteral > General injections > unspecified: 50 mg per mL in vial (phenytoin sodium) ◦ Oral > Solid > tablet: 50 mg (phenytoin) (chewable) ◦ Oral > Solid > dosage form: 25 mg (phenytoin sodium); 50 mg (phenytoin sodium); 100 mg (phenytoin sodium)	Epilepsy or seizures

Pramipexole

Section	Indications
Medicines for central nervous system disorders ◦ Oral > Solid: 125 µg immediate-release; 250 mg immediate-release; 500 µg immediate-release; 750 µg immediate-release; 1 mg immediate-release; 1.5 mg immediate-release; 375 µg extended-release; 750 µg extended-release; 1.5 mg extended-release; 2.25 mg extended-release; 3 mg extended-release; 3.75 mg extended-release; 4.5 extended-release	Parkinson disease

Prednisolone

Section	Indications
Medicines for cluster headache ◦ Oral > Solid > tablet: 5 mg; 25 mg	Trigeminal autonomic cephalalgias
Antiseizure medicines ◦ Oral > Liquid: 1 mg per mL ◦ Oral > Solid > tablet: 1 mg; 5 mg; 10 mg	Infantile spasms

Propranolol

Section	Indications
Medicines for migraine prophylaxis ◦ Oral > Solid > tablet: 40 mg (hydrochloride); 10 mg (hydrochloride)	Migraine

Rituximab

Section	Indications
Medicines for multiple sclerosis ◦ Parenteral > General injections > IV: 500 mg per 50 mL in 50 mL vial	Multiple sclerosis

Ropinirole

Section	Indications
Medicines for central nervous system disorders ◦ Oral > Solid: 0.25 mg immediate-release; 0.5 mg immediate-release; 1 mg immediate-release; 2 immediate-release; 3 mg immediate-release; 4 mg immediate-release; 5 mg immediate-release; 2 mg extended-release; 4 mg extended-release; 6 mg extended-release; 8 mg extended-release; 12 mg extended-release	Parkinson disease

Sumatriptan

Section	Indications
Medicines for cluster headache ◦ Parenteral > General injections > SC: 6 mg per 0.5 mL in pre-filled pen; 6 mg per 0.5 mL in pre-filled syringe	Trigeminal autonomic cephalalgias
Medicines for acute migraine attacks ◦ Oral > Solid > tablet: 50 mg	Migraine

Trihexyphenidyl

Section	Indications
Medicines for central nervous system disorders ◦ Oral > Solid: 2 mg (hydrochloride); 5 mg (hydrochloride)	Parkinson disease
Medicines for parkinsonism	Therapeutic equivalent to biperiden for Parkinson disease

Valaciclovir

Section	Indications
Medicines for viral central nervous system infections	Therapeutic equivalent to aciclovir for Zoster Therapeutic equivalent to aciclovir for Herpes simplex infections Therapeutic equivalent to aciclovir for Varicella

Valproic acid (sodium valproate)

Section	Indications
Antiseizure medicines ◦ Oral > Liquid: 200 mg per 5 mL ◦ Oral > Solid: 200 mg tablet (enteric-coated); 500 mg tablet (enteric-coated); 100 mg tablet (crushable) ◦ Parenteral > General injections > IV: 100 mg per mL in 4 mL ampoule; 100 mg per mL in 10 mL ampoule; 100 mg per mL in 3 mL ampoule	Epilepsy or seizures Status epilepticus

Verapamil

Section	Indications
Medicines for cluster headache ◦ Oral > Solid > tablet: 120 mg (hydrochloride) (immediate-release); 40 mg (hydrochloride) (immediate-release); 80 mg (hydrochloride) (immediate-release); 120 mg (hydrochloride) (extended-release); 180 mg (hydrochloride) (extended-release); 240 mg (hydrochloride) (extended-release)	Trigeminal autonomic cephalalgias