

## 10 DRUGS ACTING ON THE NERVOUS SYSTEM

### 1.1 ANESTHETICS

#### 1.1.1 GENERAL ANESTHETICS

##### 1.1.1.1 Inhalation

###### 1.1.1.1.1 Gas

*NITROUS OXIDE* (1)

Inhalation: Anesthetic gas

###### 1.1.1.1.2 Volatile Agents

*ENFLURANE* (1)

Inhalation: 250 mL bottle

*ISOFLURANE* (1)

Inhalation: 100 mL and 250 mL bottle

*halothane* (1)

Inhalation: 250 mL bottle

▼ *sevoflurane* (1)

Inhalation: 250 mL bottle

##### 1.1.1.2 Intravenous Agents

*KETAMINE* (1)

Inj.: 50 mg/mL, 10 mL vial (IM, IV)  
(as hydrochloride)

*THIOPENTAL SODIUM* (1, A1)

Inj.: 500 mg vial (IV)  
1 g vial + 50 mL diluent (IV)

*propofol* (1)

Inj.: 10 mg/mL, 20 mL ampul (IV)  
10 mg/mL, 50 mL pre-filled  
syringe (IV)  
10 mg/mL, 20 mL and 50 mL vial (IV)  
20 mg/mL, 50 mL vial (IV)  
(as oil in water emulsion)

##### 1.1.1.3 Adjuvants and Oxygen

###### 1.1.1.3.1 Opioid Analgesics (See 1.8.1.2)

###### 1.1.1.3.2 Non-opioid Analgesics

*diclofenac*

Inj.: 25 mg/mL, 2 mL and 3 mL ampul  
(IM, IV) (as sodium salt)  
25 mg/mL, 10 mL vial (IM, IV)  
(as sodium salt)

CORE LIST	Complementary List	Route of Administration Pharmaceutical Forms and Strengths
		37.5 mg/mL, 2 mL ampul and pre-filled syringe (IM, IV) (as sodium salt)
	<i>ketoprofen</i>	Inj.: 50 mg/mL, 2 mL ampul (IM) lyophilized powder, 100 mg vial + 100 mL diluent (IV Infusion)
	<i>ketorolac</i>	Inj.: 30 mg/mL, 1 mL ampul (IM, IV) (as tromethamol)
<b>1.1.1.3.3</b>	<b>Neuromuscular Blockers (See 2.5.2)</b>	
<b>1.1.1.3.4</b>	<b>Cholinesterase Inhibitors</b>	
	★ <i>EDROPHONIUM</i>	Inj.: 10 mg/mL, 1 mL ampul (IM, IV) (as chloride)
	<i>NEOSTIGMINE</i>	★ Oral: 15 mg tablet (as bromide) Inj.: 500 mcg/mL, 1 mL ampul (IM, IV, SC) (as methyl sulfate)
	<i>PYRIDOSTIGMINE</i> (1, 2)	Oral: 60 mg tablet (as bromide)
<b>1.1.1.3.5</b>	<b>Anxiolytics</b>	
	<i>DIAZEPAM</i> (A1)	Oral: 2 mg, 5 mg and 10 mg tablet Inj.: 5 mg/mL, 2 mL ampul (IM, IV)
	★ <i>LORAZEPAM</i> (A1)	Oral: 1 mg and 2 mg tablet Inj.: 4 mg/mL, 1 mL ampul (IM, IV)
	<i>MIDAZOLAM</i> (A1)	Oral: 15 mg tablet Inj.: 1 mg/mL, 5 mL ampul/vial (IM, IV) 5 mg/mL, 1 mL and 3 mL ampul (IM, IV)
<b>1.1.1.3.6</b>	<b>Anticholinergic</b>	
	<i>ATROPINE</i>	Inj.: 500 mcg/mL and 1 mg/mL, 1 mL ampul (IM, IV) (as sulfate)
<b>1.1.1.3.7</b>	<b>Sympathomimetic</b>	
	<i>EPHEDRINE</i> (A2)	Inj.: 50 mg/mL, 1 mL ampul (IM, IV) (as sulfate)

CORE LIST	Complementary List	Route of Administration Pharmaceutical Forms and Strengths
1.1.1.3.8	<b>Beta Adrenoceptor Blocker</b>	
	<i>ESMOLOL</i> (2, B)	Inj.: 100 mg/mL, 10 mL vial (IV) (as hydrochloride)
1.1.1.3.9	<b>Oxygen</b>	Inhalation: (medicinal gas)
1.1.2	<b>Local Anesthetics</b>	
	<i>BUPIVACAINE</i> (1)	Inj.: 0.5%, 5 mL and 10 mL ampul (local infiltration) (as hydrochloride) 0.5%, 5 mL, 10 mL, 20 mL and 50 mL ampul/vial (local infiltration) (as hydrochloride) 0.5% 4 mL ampul (spinal) with 8% dextrose (as hydrochloride) 0.5% (isobaric), 5 mL ampul (spinal) (as hydrochloride)
	<i>LIDOCAINE</i>	Inj.: 1%, 5 mL ampul and 50 mL vial (local infiltration) (as hydrochloride) 2%, 5 mL, 10 mL and 50 mL vial (epidural, local infiltration) (as hydrochloride) 2%, 1.8 mL carpule (with epinephrine) (local infiltration) Jelly: 2%, 30 g (as hydrochloride) Ointment: 5%, 35 g and 50 g (as hydrochloride) Solution: 4%, 30 mL (topical solution) (as hydrochloride) Spray: 10%, 50 mL (as hydrochloride)
	<i>TETRACAINE</i>	Inj.: 20 mg ampul (sterile powder) (spinal) (as hydrochloride)
	▼ <i>ropivacaine</i>	Inj.: 2 mg/mL, 7.5 mg/mL and 10 mg/mL in 10 mL ampul (IV) (as hydrochloride)
1.2	<b>ANTICONVULSANTS / ANTIEPILEPTICS</b>	
	<i>CARBAMAZEPINE</i> (B)	Oral: 200 mg tablet 200 mg SR tablet 400 mg LA tablet 100 mg/5 mL syrup, 120 mL

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	CLONAZEPAM (A1)	Oral: 2 mg tablet
	DIAZEPAM (1, A1)	Inj.: 5 mg/mL, 2 mL ampul (IV) ★ Rectal: 5 mg/2.5 mL and 10 mg/2.5 mL in rectal tube
★	LORAZEPAM (1, A1)	Inj.: 4 mg/mL, 1 mL ampul (IV)
	MAGNESIUM SULFATE (1) (for pre-eclampsia / eclampsia and hypomagnesemia)	Inj.: 250 mg/mL, 2 mL and 10 mL ampul and 20 mL vial (IM, IV) (as heptahydrate) 500 mg/mL, 2 mL and 10 mL ampul (IM, IV) (as heptahydrate)
	PHENOBARBITAL (A1)	Oral: 15 mg, 30 mg, 60 mg and 90 mg tablet Inj.: 120 mg/mL (130 mg/mL), 2 mL ampul (IM, IV) (as sodium salt)
	PHENYTOIN (B)	Oral: 30 mg and 100 mg capsule (as sodium salt) 30 mg/5 mL suspension, 120 mL (as sodium salt) Inj.: 50 mg/mL, 2 mL ampul (IV) (as sodium salt) (1)
	VALPROATE DiSODIUM/ VALPROIC ACID (B)	Oral: 250 mg tablet (as disodium salt and valproic acid) 250 mg/5 mL syrup, 120 mL (as valproic acid)
	▼ gabapentin	Oral: 100 mg, 300 mg and 400 mg capsule
	midazolam (A1)	Oral: 15 mg tablet Inj.: 1 mg/mL, 5 mL ampul/vial (IM, IV) 5 mg/mL, 1 mL, 2 mL, 3 mL, 5 mL and 10 mL ampul (IM, IV)
	thiopental sodium (1, A1)	Inj.: 500 mg vial (IV) 1 g vial + 50 mL diluent (IV)
	▼ topiramate	Oral: 25 mg, 50 mg, 100 mg and 200 mg tablet 15 mg and 25 mg capsule
<b>1.3 ANTIMIGRAINE</b>		
	ERGOTAMINE (1, 2, A2)	Oral: 1 mg tablet (as tartrate)

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<i>PROPRANOLOL</i>	(B)	Oral: 10 mg, 40 mg, and 80 mg tablet (as hydrochloride) 40 mg and 80 mg CR capsule (as hydrochloride)
	<i>flunarizine</i>	Oral: 5 mg capsule (as hydrochloride)
	NSAIDs (See 2.4)	
	<i>paracetamol</i> (acetaminophen)	Oral: 300 mg (325 mg) and 500 mg tablet
	▼ <i>zolmitriptan</i>	Oral: 2.5 mg and 5 mg tablet
<b>1.4 ANTIPARKINSONISM</b>		
<b>1.4.1 Dopaminergics (only for idiopathic parkinsonism)</b>		
	★ <i>LEVODOPA + BENSERAZIDE</i>	Oral: 100 mg levodopa + 25 mg benserazide (as hydrochloride) per capsule 200 mg levodopa + 50 mg benserazide (as hydrochloride) per tablet
	<i>LEVODOPA + CARBIDOPA</i>	Oral: 100 mg levodopa + 25 mg carbidopa per tablet 250 mg levodopa + 25 mg carbidopa per tablet
	<i>piribedil</i>	Oral: 50 mg retard tablet
	<i>selegiline</i>	Oral: 5 mg tablet (as hydrochloride)
<b>1.4.2 Anticholinergics (also for drug-induced parkinsonism)</b>		
	<i>BIPERIDEN</i>	Oral: 2 mg tablet (as hydrochloride) Inj.: 5 mg/mL, 1 mL ampul (IM, IV) (as lactate)
	<i>DIPHENHYDRAMINE</i>	Oral: 25 mg and 50 mg capsule (as hydrochloride) 12.5 mg/5 mL, 60 mL and 120 mL syrup Inj.: 50 mg/mL, 1 mL ampul (IM, IV) (as hydrochloride)

CORE LIST	Complementary List	Route of Administration Pharmaceutical Forms and Strengths
<b>1.5 ANTIPYRETICS</b>		
	<i>IBUPROFEN</i>	Oral: 200 mg and 400 mg tablet 100 mg/5 mL, 60 mL suspension
	<i>PARACETAMOL</i> (acetaminophen)	Oral: 300 mg (325 mg) and 500 mg tablet 100 mg/mL drops, 15 mL (alcohol-free) 120 mg/5 mL (125 mg/5 mL) syrup/suspension, 30 mL, 60 mL and 120 mL (alcohol-free) 250 mg/5 mL syrup/suspension, 30 mL, 60 mL and 120 mL (alcohol-free) Rectal: 125 mg and 250 mg suppository
<b>1.6 ANTI-VERTIGO</b>		
	<i>betahistine</i>	Oral: 6 mg tablet (as mesilate) 8 mg tablet (as hydrochloride)
	<i>cinnarizine</i>	Oral: 25 mg tablet 50 mg and 75 mg capsule
	<i>meclozine</i> (meclizine)	Oral: 12.5 mg chewable tablet (as hydrochloride) 25 mg tablet (as hydrochloride)
<b>1.7 DRUGS FOR ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)</b>		
	<i>imipramine</i>	Oral: 25 mg tablet (as hydrochloride)
	<i>methyphenidate</i> (1, 2, A1)	Oral: 10 mg tablet ▼ 18 mg and 36 mg ER tablet
<b>1.8 DRUGS FOR PAIN MANAGEMENT</b>		
<b>1.8.1 ANALGESICS</b>		
<b>1.8.1.1 Non-opioids</b>		
	<i>IBUPROFEN</i>	Oral: 200 mg, 400 mg and 600 mg tablet 800 mg SR tablet 100 mg/5 mL, 60 mL syrup/ suspension

CORE LIST	Complementary List	Route of Administration Pharmaceutical Forms and Strengths
<i>PARACETAMOL</i> ( <i>acetaminophen</i> )		Oral: 300 mg (325 mg) and 500 mg tablet 100 mg/mL drops, 15 mL (alcohol-free) 120 mg/5 mL (125 mg/5 mL) syrup/suspension, 30 mL, 60 mL and 120 mL (alcohol-free) 250 mg/5 mL syrup/suspension, 30 mL, 60 mL and 120 mL (alcohol-free preferred) Rectal: 125 mg and 250 mg suppository
	<i>other NSAIDs</i> (See 2.4 and 1.1.1.3.2)	
	● ★ <i>yerba buena</i> [ <i>Mentha cordifolia</i> <i>Opiz</i> (Fam. Labiatae)]	Oral: 250 mg tablet
<b>1.8.1.2 Opioid Analgesics</b>		
<i>CODEINE</i> (A1)		Oral: 30 mg SR capsule (as phosphate) 10 mg/5 mL, 60 mL suspension
<i>MORPHINE</i> (A1)		Oral: 10 mg, 20 mg and 30 mg tablet/ capsule (as sulfate) 10 mg, 30 mg, 60 mg, and 100 mg CR tablet (as sulfate) Inj.: 10 mg/mL, 1 mL ampul (IM, IV, SC) (as sulfate) 15 mg/mL, 1 mL ampul (IM, IV, SC) (as sulfate)
<i>NALBUPHINE</i> (A1)		Inj.: 10 mg/mL, 1 mL ampul (IM, IV, SC) (as hydrochloride) 20 mg/mL, 10 mL vial (IM, IV, SC) (as hydrochloride)
<i>PETHIDINE</i> (A1) ( <i>meperidine</i> )		Inj.: 50 mg/mL, 2 mL ampul (IM, IV, SC) (as hydrochloride) 50 mg/mL, 30 mL vial (IM, IV, SC) (as hydrochloride)
	<i>butorphanol</i> (A1)	Inj.: 2 mg/mL, 1 mL and 2 mL vial (IM, IV) (as tartrate)

CORE LIST	Complementary List	Route of Administration Pharmaceutical Forms and Strengths
	<i>fentanyl</i> (A1)	Inj.: 50 mcg/mL, 2 mL and 10 mL ampul (IV) (as citrate) ▼ Patch: 25 mcg/hr and 50 mcg/hr (transdermal)
	▼ <i>oxycodone</i> (A1)	Oral: 10 mg, 20 mg, 40 mg and 80 mg tablet (as hydrochloride)
	<i>tramadol</i> (A1)	Oral: 50 mg capsule (as hydrochloride) 100 mg, 150 mg and 200 mg retard tablet (as hydrochloride) Inj.: 50 mg/mL, 1 mL and 2 mL ampul (IM, IV, SC) (as hydrochloride)
<b>1.8.2 Drugs For Neuropathic Pain</b>		
	<i>carbamazepine</i>	Oral: 200 mg tablet 200 mg SR tablet 400 mg LA tablet 100 mg/5 mL syrup, 120 mL
	<i>gabapentin</i>	Oral: 100 mg, 300 mg and 400 mg capsule
	<i>imipramine</i>	Oral: 25 mg tablet (as hydrochloride)
<b>1.9 DRUGS TO REDUCE CEREBRAL EDEMA</b>		
	<b>DEXAMETHASONE</b> (B)	Oral: 500 mcg and 4 mg tablet Inj.: 4 mg/mL, 1 mL and 2 mL ampul/vial (IM, IV) (as sodium phosphates) 5 mg/mL, 1 mL ampul (IM, IV) (as sodium phosphate)
	<b>GLYCEROL</b> ( <i>glycerin</i> )	Oral: USP grade (liquid)
	<b>MANNITOL</b>	Inj.: 20%, 250 mL and 500 mL bottle (IV)
	<i>furosemide</i>	Oral: 20 mg and 40 mg tablet Inj.: 10 mg/mL, 2 mL ampul (IM, IV)

**1.10 PSYCHOPHARMACOLOGIC AGENTS****1.10.1 Antidepressants***FLUOXETINE* (1)Oral: 20 mg dispersable tablet/capsule  
(as hydrochloride)*SERTRALINE*

Oral: 50 mg tablet (as hydrochloride)

*imipramine*

Oral: 25 mg tablet (as hydrochloride)

**1.10.2 Antipsychotics****Atypical Antipsychotics***RISPERIDONE*Oral: 1 mg, 2 mg, 3 mg, and 4 mg tablet  
▼ 1 mg/mL oral solution, 100 mL  
25 mg and 37.5 mg LA powder for  
suspension, vial + 2 mL diluent  
in pre-filled syringe (IM)*clozapine* (1, 2)Oral: 25 mg and 100 mg tablet  
(restricted use for resistant  
schizophrenia in mental  
institutions with facilities for  
hematologic monitoring)*olanzapine* (1, 2)

Oral: 5 mg and 10 mg tablet

**Typical Antipsychotics***CHLORPROMAZINE*Oral: 50 mg, 100 mg and 200 mg tablet  
(as hydrochloride)  
Inj.: 25 mg/mL, 1 mL ampul (IM, IV)  
(as hydrochloride)*FLUPHENAZINE* (1)Inj.: 25 mg/mL, 1 mL ampul and 10 mL  
vial (IM) (as decanoate)*HALOPERIDOL* (1, B)Oral: 500 mcg, 1.5 mg, 2 mg, 5 mg,  
10 mg, and 20 mg tablet  
Inj.: 5 mg/mL, 1 mL ampul (IM)  
50 mg/mL, 1 mL (oily) ampul (IM)  
(as decanoate)

CORE LIST	Complementary List	Route of Administration Pharmaceutical Forms and Strengths
<b>1.10.3 Anxiolytics</b>		
<i>DIAZEPAM</i>	(A1)	Oral: 2 mg, 5 mg and 10 mg tablet Inj.: 5 mg/mL, 2 mL ampul (IM, IV)
<i>alprazolam</i>	(A1)	Oral: 250 mcg, 500 mcg and 1 mg tablet
<i>bromazepam</i>	(A1)	Oral: 1.5 mg tablet
<i>clonazepam</i>	(A1)	Oral: 2 mg tablet
★ <i>lorazepam</i>	(A1)	Oral: 1 mg and 2 mg tablet Inj.: 4 mg/mL, 1 mL ampul (IM, IV)
<b>1.10.4 Hypnotics</b>		
<i>FLURAZEPAM</i>	(A1)	Oral: 15 mg capsule (as monohydrochloride)
★ <i>chloral hydrate</i>		Oral: 500 mg/5 mL syrup
<i>midazolam</i>	(A1)	Oral: 15 mg tablet Inj.: 1 mg/mL, 5 mL ampul (IM, IV) 5 mg/mL, 1 mL, 2 mL, 3 mL, 5 mL and 10 mL ampul (IM, IV)
<i>zolpidem</i>	(A1)	Oral: 10 mg tablet
<b>1.10.5 Mood Stabilizers</b>		
<i>CARBAMAZEPINE</i>	(B)	Oral: 200 mg tablet 200 mg SR tablet 400 mg LA tablet 100 mg/5 mL syrup, 120 mL
<i>LITHIUM CARBONATE</i>	(1, B)	Oral: 450 mg CR tablet
<i>valproate disodium/ valproic acid</i>	(B)	Oral: 250 mg tablet (as disodium salt or as valproic acid) 250 mg/5 mL syrup, 120 mL (as valproic acid)