

Surgery MEDS

CLASS	GENERIC NAMES (Prototype)	MOA	ROUTE RATE OF ADMIN	ADVERSE EFFECTS	NURSING ADMINISTRATION
Intravenous Anesthetics	Midazolam (versed)	Quick on set of action Used during induction of general anesthesia Amnesia Medication can last for one hour Characterized by sedation, analgesia, amnesia, and lack of anxiety Conscious sedation can be produced by combing with opioid analgesic – morphine or fentanyl	IV push	Respiratory depression	Monitor pt's vital signs constant Monitor pt's airway Have resuscitation equipment ava The pt can follow command
Intravenous Anesthetics	Propofol (Diprivan) No pain relief	Indicated for induction/mainte nance of general anesthesia Sedate patients mechanical ventilation/radiati on therapy/diagnosti c procedures/Rapid onset - ultrashort duration NO ANALGESIC ACTION Unconsciousness develops less than 60 sec after injection Lasts only 3 to 5 minutes	IV push/ infusion	Profound respiratory depression (apnea) Hypotension High risk for bacterial infection - formulated in a lipid-base medium and perfected for bacterial growth. Open vials discarded within 6 hrs Abuse- not a high but a feeling of complete rest - refreshed	Must monitor VS of pt Have resuscitation equipment ava. Injection into large vein to decrease pain to IV site
Local Anesthetics	Lidocaine (xylocaine)	Medication will be injected into		Allergic reactions - allergic	Regional block - protect area from

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INJECTION Infiltration anesthesia	Lidocaine w/ epinephrine	the immediate area of surgery Epinephrine - decrease blood flow and delays absorption - which prolongs anesthesia and reduces risk of toxicity No loss of consciousness Med decreases pain by locking conduction of pain impulses to area		dermatitis to anaphylaxis...	injury due to dumbness. Epinephrine is contraindicated for fingers/nose/other body parts with end arteries - due to vasoconstriction
Local Anesthetics SPINAL/ EPIDURAL NERVE BLOCK				Hypotension, bradycardia, cardiac arrest - due sympathetic block	Pt may have symptoms of nausea and vomiting Monitor pt during insertion for decrease b/P seizure, Respiratory depression/sedation Insertion site for hematoma Assess level of sensory block Spinal headache Post op teaching - remain flat in bed 12 hours post
Inhalation Anesthetic	No Prototype All General	General anesthetics are drugs that produce unconsciousness and lack of		Respiratory depression Cardiac depression Malignant hyperthermia	

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		responsiveness to all painful stimuli		Aspiration of gastric contents	
Muscle Spasm Malignant hyperthermia	Dantrolene				