

MEDICATION PACKET #1

OXYGEN, ACTIVATED CHARCOAL, AND ORAL GLUCOSE

OXYGEN- (Gas) Oxidizing Agent

Description- Oxygen is an odorless, colorless, tasteless gas, essential for life. Most important of all medications, essential for life functions.

Indications- Hypoxia or anticipated hypoxia, or in any medical or trauma patient to improve respiratory efficiency.

Contraindications- There are no contraindications for the administration of Oxygen.

Precautions- Chronic Obstructive Pulmonary Disease (COPD) patients
And very prolonged administration high concentrations in the newborn.

Dosage- Administered from 0.5 to 15 (40 for FROPVD) liters per minute (LPM) to treat mild to severe hypoxia.

Nasal Cannula-	0.5-6 LPM	20-44% O ₂
Non-Rebreather Mask	10-15 LPM	80-90% O ₂
Nebulizer	5-8 LPM	Varies
BVM without Reservoir	15 LPM	50% O ₂
BVM w/ Reservoir	15 LPM	100% O ₂
FROPVD	40 LPM	100% O ₂

Route- Via Inhalation using a variety of adjuncts including blow-by, nasal cannula, simple face mask, non-rebreather, venturi mask, nebulizer, bag valve mask (BVM), or flow restricted oxygen powered ventilation device (FROPVD).

ACTIVATED CHARCOAL- (Suspension) Absorbant

Description- A specially prepared charcoal that will absorb and bind toxins from the Gastrointestinal (GI) tract.

Indications- Acute ingested poisoning.

Contraindications- Uncontrollable airway, ingestion of cyanide, mineral acids, caustic alkalis, organic solvents, iron, ethanol, methanol.

Precautions- Administer only after emesis or where emesis is contraindicated.

ACTIVATED CHARCOAL (cont.)

Dosage- 1 gm/kg mixed with at least 6-8 ounces (oz.) of water.

Adult 25-50 Gm mixed with at least 6-8 ounces (oz.) of water.

Pediatric 12-25 gm mixed with at least 6-8 ounces (oz.) of water.

Route- Oral (PO) or via Nasogastric (NG) tube.

ORAL GLUCOSE- (Gel) Glycemic Agent

Description- Gel form of Glucose.

Indications- Patients with altered mental status or a known diabetic history.

Contraindications- Unconsciousness, Diabetic who hasn't taken their Insulin for days. Inability to swallow / manage their airway.

Precautions- Essentially none.

Dosage- Usually 1-2 tubes at 15 to 25 gm to the desired glucose level of 80-120mg/dL. Dosage titrated to mental status and serum glucose levels using glucometer.

Route- Oral / Buccal via mucous membranes.