

# ***Pediatric medications dosage***

**Diazepam ampoule:** 0.1 - 0.3 mg / kg (1/2 cc for each 10 kg) (not recommended under 6 months)

## **Luminal ampoule (Phenobarbital):**

Bolus dose: 15 – 20 mg/kg

Maintenance dose: 3 – 5 mg/kg divided 12 hourly (given after 8-12 hours of bolus dose time)

## **Phenytoin ampoule:**

Bolus dose (15-20 mg/kg)

Maintenance dose (4-6 mg/kg) divided 12 hourly (given after 8-12 hours of bolus dose time)

## **Aminophylline ampoule:**

Bolus dose: 5 mg/kg

Maintenance dose: (2-3 mg/kg) given after 8-12 hours of bolus dose time)

## **Hydrocortisone vial:** 5-10 mg /kg

## **Decadron ampoule (dexamethasone):**

In case of croup: 0.6 mg/kg

Others: 0.5 – 2 mg/kg (according to the severity of the case)

Roughly, give 0.5 cc for each 10 kg

## **Adrenaline ampoule: (in anaphylaxis given S.C or IM)**

Less than 6 years: 0.15 cc

6 – 12 years: 0.3 cc

More than 12 years: 0.5 cc

**Allermine ampoule: (in anaphylaxis IM or IV ) the dose may be repeated up to 4 times in 24 hrs if required**

Less than 6 months: 0.25 mg/kg (maximum 2.5 mg)

6 months – 6 years: 2.5 mg

6 – 12 years: 5 mg

12 – 18 years: 10 mg

**Ventolin nebulizer (salbutamol): 0.5 cc diluted in 2.5 cc N/S**

**Atrovent nebulizer (ipratropium):**

Under 6 years: 150 microgram

6 – 12 years: 250 microgram

Above 12 years: 500 microgram

**Amoxicillin:** 50 – 100 mg/kg divided 8 hourly

**Ceftriaxone vial:** 50 – 100 mg/kg divided 12 hourly

**Claforan vial:** 50 – 200 mg/kg divided 6 hourly

**Ampicillin vial:** 100 mg/kg divided 6 hourly

**Fluxacillin vial:** 50 mg/kg divided 12 hourly

**Gentamycin ampoule:** 5 mg/kg divided 12 hourly

**Amikacin vial:** 15 mg/kg divided 12 hourly

**Zovirax (acyclovir vial):** 10 – 20 mg/kg divided 8 hourly

**Vancomycin vial:** 10 – 20 mg/kg divided 6 hourly

**Flagyl vial:** 7.5 mg/kg (1.5 cc/kg) 8 hourly (3 times daily)

(Wt + 1/2 Wt = dose in cc)

**Paracetol vial:** 15 mg/k (1.5 cc/kg) 8 hourly (3 times daily)

(Wt + 1/2 Wt = dose in cc)

**Plasil ampoule (metoclopramide):** 0.1 mg/kg/dose

**Voltaren ampoule:** 1 – 3 mg/kg (not save under 3 years old)

**Buscopan ampoule (hyoscine butylbromide):** 0.3 – 0.6 mg/kg

## **Blood products**

**Whole blood:** 20 cc /kg

**Packed RBC:** 10 cc /kg

**Plasma:** 15 cc/kg

**Cryoprecipitate:** 1 pint for each 5 kg

**Platelets:** 10 – 15 cc/kg

## **Fluid therapy**

**Anti shock therapy:** give N/S 20 cc/kg , given during 30 mints, may be repeated as required.

### **Deficit:**

Mild dehydration:  $5 * 10 * Wt$

Moderate dehydration:  $10 * 10 * Wt$

Severe dehydration:  $15 * 10 * Wt$

### **Maintenance:**

1<sup>st</sup> 10 kg: 100 cc/kg

2<sup>nd</sup> 10 kg: 1000 cc + 50 cc for each kg after 10 kg

3<sup>rd</sup> 10 kg: 1500 cc + 20 cc for each kg after 20 kg

# **Neonatal fluid daily requirements (under 28 days)**

**1<sup>st</sup> day:** 60 cc/kg/24 hrs (term neonate), 70 cc/kg/24 hrs (preterm)

Type of fluid: (G/W 10 % exclusively)

**2<sup>nd</sup> day:** 70 cc/kg/24 hrs

Type of fluid: G/W 10 % exclusively

**3<sup>rd</sup> day:** 80 – 90 cc/kg/24 hrs

Type of fluid: G/S (1/5) exclusively

**4<sup>th</sup> day and above:** 100 cc/kg

Type of fluid: G/S (1/5) exclusively

**د.عمار رحمن كاظم**

(M.B.Ch.B)

28/2/1018