**Pharmacy Department**



**Pediatric Doses**

|  | **ANTIMICROBIALS** | |
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| **1** | **ACYCLOVIR** | **Herpes simplex:**  **1month –1 year: 100 -200 mg 4 times a day usually for5 days.**  **2 –17 years: 200-400 mg 4 times a day usually for 5 days.** |
| **Varicella zoster (chickenpox), Herpes zoster (shingles)**  **1month –1 year: 200 mg 4 times a day for 5 days**  **1–5 years: 400 mg 4 times a day for 5 days**  **6–11 years: 800 mg 4 times a day for 5 days**  **12–17 years: 800 mg 5 times a day for 7 days**  **1** |
| **2** | **AMOXICILLIN** | **40 to 90 mg/kg/day in two or three divided doses.**  **1** |
| **3** | **AZITHROMYCIN** | **6 months–17 years: 10-12 mg/kg once daily (max. per dose 500 mg) for3- 5 days** |
| **10 mg/kg on the first day, followed by 5 mg/kg per day for the following 4 days.**  **Max. 20 mg/kg for 3 days with a maximum daily dose of 500 mg.**  **1** |
| **4** | **CEFACLOR** | **1 month-11 years : 20-40mg/kg/day in divided doses administered 2-3 times daily, not to exceed 1 gm/day**    **Child 12-17 years :250 mg-500 mg every 8 hour maximum 4 gm per day** |
| **5** | **CEFADROXIL** | **30-50 mg/kg/day divided in to two daily doses.**  **1** |
| **6** | **CEFDINIR** | **6 months-12 years: 7 mg/kg orally every 12 hours for 5 to 10 days or 14 mg/kg orally every 24 hours for 10 days**  **Maximum dose: 600 mg/day**  **1** |
| **7** | **CEFIXIME** | **Children 6 months to 12 years: 8 mg /kg/day taken as a single dose or divided in two doses.**  **Adults and children more than 12 years of age and >50 kg—400 mg: once a day or 200 mg every 12 hours.**  **1** |
| **8** | **CEFPODOXIME** | **From 2 month up to 12 years 5 mg/ kg twice daily for 5 days 1** |
| **9** | **CEFUROXIME** | **3 month -1 year : 10 mg/kg twice daily ( max of 125 mg twice daily)** |
| **2 -11 year : 15 mg/kg twice daily (max of 250 mg twice daily)** |
| **Child 12–17 years: 250 mg twice daily, dose may be doubled in severe lower respiratory-tract infections or If pneumonia is suspected.** |
| **10** | **CLARITHROMYCIN** | **1 month -11 years: 7.5mg/ kg twice daily with maximum 250 mg for 7-14 days.**  **Child 12–17 years: 250–500 mg twice daily for 5–7 days.**  **1** |
| **11** | **CO-AMOXICLAV** | **20-80 mg/kg/day given in two divided dose.** |
| **12** | **CO-TRIMOXAZOLE** | **6-20 MG/KG /DAY (ACCORDING TO TRIMETHOPRIM) IN 2 DIVIDED DOSE.**  **1** |
| **13** | **MEBENDAZOLE** | **Threadworm infections (tiny worms)**  **6 months–17 years: 100 mg for 1 dose, if reinfection occurs, second dose may be needed after 2 weeks.** |
| **Whipworm infections | Hookworm infections: 1–17 years: 100 mg twice daily for 3 days** |
| **Roundworm infections**  **1–17 years: 100 mg twice daily for 3 days**  **Child 2–17 years: Alternatively 500 mg for 1 dose** |
| **14** | **METRONIDAZOLE** | **1 month – 17 years: 15 – 50 mg/kg/day divided in 2-3 doses for 7 days up to 14 days.**  **1** |
| **15** | **NYSTATIN (RIANEST)** | **Oral candidiasis:**  **Neonate and children dose: 100 000 unit every 6 hours for 7 days.**  **The longer the suspension is kept in contact with the affected area in the mouth before swallowing, the greater will be its effect.** |
|  | **ANTITUSSIVE** | |
| **16** | **AMBROXOL (MUCOSOLVAN FORTE)** | **Treatment: dose dependent on age**  **2–5 years: 1.25 ml (22.5 mg per day) 3 times a day**  **5–12 years: 2.5 ml (30 - 45 mg per day) 3 times a day**  **+12 years: 5 ml (90 mg per day) 3 times a day**  **2** |
| **17** | **(RIAXINE 0.8 mg / ml)**  **(Bromhexine)** | **Treatment: dose dependent on age**  **2-6 years: 2.5 ml (2 mg per day) 3 times a day**  **7-12 years: 5 ml (4 mg per day) 3 times a day** |
| **18** | **RHINATHIOL PROMETHAZINE SYRUP**  **(CARBOCISTEINE 2g and**  **PROMETHAZINE 0.05g)** | **Cannot be use under 2 years**  **2 -2.5 years : 5 ml 3 to 4 times daily**  **2.5 – 11 years : 10 ml 2 to 3 times a day**  **12 – 15 years: 10 ml to 15 ml 3 times a day**  **2** |
| **19** | **RHINATHIOL EXPECTORANT CHILDREN**  **(CARBOCYSTEINE 2%)** | **2-5 years: 5 ml 2 times a day**  **Over 5 years: 5 ml 3 times a day**  **2** |
| **20** | **KAFOSED 15MG /5 ML**  **(dextromethorphan hydrobromide)** | **Should not be used in children under age of 12 yeas**  **12 years and above: 5 ml up to 3 times daily (max. per day 40 ml)**  **2** |
| **21** | **EZIPAN (IVY/THYME EXTRACT)** | **Should not be used in children under age of 6 years**  **6-10 years: 5 ml 3 times a day**  **More than 10 years: 5-7.5 ml 3 times a day**  **Maximum for one week**  **2** |
|  | **ANTIHISTAMINES** | |
| **22** | **CETIRIZINE** | **1 year: 0.25 mg/kg twice daily**  **2–6 years: 2.5 mg twice daily**  **7–12 years: 5 mg twice daily**  **Adult and adolescents above 12 years : 10 mg once daily**  **1** |
| **23** | **CHLORPHENIRAMINE MALEATE (ORAL)** | **ORALLY: 1–23 months: 1 mg twice daily**  **2–5 years: 1 mg every 4–6 hours; maximum 6 mg per day**  **6–11 years: 2 mg every 4–6 hours; maximum 12 mg per day**  **12–17 years: 4 mg every 4–6 hours; maximum 24 mg per day**  **BY INTRAMUSCULAR INJECTION, OR BY INTRAVENOUS INJECTION**  **▶ Child 1–5 months: 250 micrograms/kg (max. per dose**  **2.5 mg), repeated if necessary; maximum 4 doses per**  **day**  **▶ Child 5 months–5 years: 2.5 mg, repeated if necessary;**  **maximum 4 doses per day**  **▶ Child 6–11 years: 5 mg, repeated if necessary; maximum**  **4 doses per day**  **▶ Child 12–17 years: 10 mg, repeated if necessary;**  **maximum 4 doses per day** |
| **24** | **DESLORATADINE** | **1–5 years: 1.25 mg once daily**  **6–11 years: 2.5 mg once daily**  **12–17 years: 5 mg once daily**  **1** |
| **25** | **DIMETINDENE (FENISTIL)** | **1 drop /kg/dose up to 3 times a day**  **2** |
| **26** | **DIPHENHYDRAMINE (EXYLIN PAEDIATRIC)** | **Should not be used in children under age of 6 years**  **6-12 years: 10 ml 3 times a day (max. per day 40 ml)**  **2** |
| **27** | **FEDLORA, LORINASE (PSEUDOEPHEDRINE, LORATADINE)** | **Should not be used in children under age of 6 years**  **6–12 years: 5 ml every 12 hours**  **Children above age of 12years : LORINASE tablet every 12 hours**  **2** |
| **28** | **LEVOCETIRIZINE**  **( LEZAL 2.5MG/5ML)** | **6 month – 5 years: 1.25 mg (2.5 ML ONCE DAILY)**  **More than 5 years – 12 years : 2.5mg (5 ML ONCE DILY)**  **More than 12 years : 5 mg (10 ml once daily)**  **2** |
| **29** | **LORATADINE** | **Child 2–11 years (body-weight up to 31 kg): 5 mg once daily**  **▶ Child 2–11 years (body-weight 31 kg and above): 10 mg**  **once daily**  **Child 12–17 years: 10 mg once daily**  **1** |
|  | **ANTIPYRETICS & ANALGESICS** | |
| **30** | **PARACETAMOL** | **ORALLY:**  **10–15 mg/kg maximum 4 times a day.**  **RECTALLY:**  **15–20 mg/kg every 4–6 hours**  **BY INTRAVENOUS INFUSION:**  **7.5 MG/KG – 15 MG/KG every 4–8 hours daily**  **1** |
| **31** | **IBUPROFEN** | **Closure of ductus arteriosus**  **BY SLOW INTRAVENOUS INJECTION**  **Neonate: Initially 10 mg/kg for 1 dose, followed by**  **5 mg/kg every 24 hours for 2 doses, the course may be repeated after 48 hours if necessary.**  **ORALLY :**  **Child 1months – 11 years: 5 mg – 10mg/kg 3–4 times a day**  **Child 12–17 years: 200–400 mg 3–4 times a day, increased if necessary up to 600 mg 4 times a day**  **1** |
| **32** | **DICLOFENAC SODIUM** | **6 months–17 years: 2–3 mg/kg /day.**  **1** |
|  | **FOOD SUPPLEMENTS & VITAMINES** | |
| **33** | **CHOLECALCIFEROL (VITAMINE D3)** | **Prevention of vitamin D deficiency**  **ORALLY : 0-1 year 400 units daily**  **1-18 year 600 units daily**  **1** |
| **34** | **FERROUS SULFATE (FEROMIN 125 MG/1ML)**  **(1ml equivalent to 25 mg elemental iron)** | **PROPHYLACTIC DOSE:**  **INFANT: 4 – 6 WEEKS: 0.2ml / day up to 0.08 ml / kg / day.**  **Older infant and child to 6 years : 0.5 ml – 1.2 ml per day**  **More than 6 years: 2.4 -4.8ml / day**  **THERAPUTIC DOSE:**  **0.12 ML – 0.24 ML / KG, maximum 8 ml ( 200 mg elemental iron) daily in two or three divided doses.** |
| **FEROSE SYRUP (Iron hydroxide Polymaltose complex)**  **50MG/5 ML** | **TREATMENT OF IRON DIFECIENCY WITHOUT ANEMIA:**  **1 – 12 YEARS : 2.5 – 5 ML DAILY**  **More than 12 YEARS: 5 – 10 ML DAILY**  **TREATMENT OF IRON DIFECIENCY WITH ANEMIA:**  **Infant age up to 1 year: 2.5 – 5 ml daily**  **1 – 12 YEARS: 5 – 10 ML DAILY**  **More than 12 YEARS: 10 – 30 ML DAILY**  **\*NOTE:**   * **Not recommended for infanant up to 1 year unless there is no alternative** * **Each 5 ml ferose contains 50 mg iron as iron hydroxide polymaltose**   **2** |
| **35** | **MARNYS ROYAL JUNIOR** | **1-5 years : 5 ml once daily**  **more than 5 years : 10 ml once daily**  **2** |
| **36** | **OSTEOCARE** | **1-8 years : 5ml orally once daily.**  **More than 8 years : 10 ml once daily.**  **2** |
| **37** | **ZINCOMED** | **0.5-1 mg/ kg/ day**  **2** |
|  | **CORTICOSTEROIDS** | |
| **38** | **PREDNISOLONE** | **ORALLY:**  **1 month –11 years: 1–2 mg/kg once daily (max. per**  **dose 40 mg) for up to 3 days, longer if necessary**  **12–17 years: 40–50 mg daily for at least 5 days.** |
|  | **GASTROENTEROLOGY** | |
| **39** | **GAVISCON ADVANCE SUSPENSION** | **12 years and above: 5-10 ml up to 4 times daily**  **2** |
| **40** | **HYOSCINE** | **ORALLY:**  **1 month–1 year: 0.3–0.5 mg/kg 3–4 times a day (max. per dose 5 mg)**  **1–4 years: 5 mg 3–4 times a day**  **5–11 years: 10 mg 3–4 times a day**  **12–17 years: 10–20 mg 3–4 times a day**  **BY INTRAMUSCULAR INJECTION, OR BY INTRAVENOUS INJECTION**  **1 month–4 years: 0.1–0.5 mg/kg 3–4 times a day (max. per dose 5 mg)**  **5–11 years: 5–10 mg 3–4 times a day**  **12–17 years: 10–20 mg 3–4 times a day**  **NOTE: Administration by mouth is associated with poor absorption.**  **1** |
| **41** | **LACTULOSE (DUPHALAC)** | **1–11 months: 2.5 mL twice daily**  **12 months –4 years: 2.5–10 mL twice daily**  **5–17 years: 5–20 mL twice daily 2** |
| **42** | **MOVICOL PAEDIATRIC** | **1 – 6 years: 1 sachet per day**  **7 – 11 years : 2 sachet per day**  **2** |
| **43** | **RACECADOTRIL (HIDRASEC)** | **1.5mg/kg/dose up to 3 times daily**    **2** |
| **44** | **ONDANSETRON** | **BY SLOW INTRAVENOUS INJECTION:**  **6 month – 17 years: 0.1 – 0.15mg/kg (max. per dose 8 mg)**  **ORALLY:**  **6 months–17 years :**  **2 mg - 16 mg every 12 hours for up to 5 day maximum 32 mg per day** |
| **45** | **METACLOPRIMIDE** | **1-9 years : 0.1 – 0.15 mg / kg 3 times daily**  **Maximum dose in 24 hr 0.5 mg / kg**  **10 – 18 years : 5 mg 3 timed daily, over 60kg body weight 10 mg 3times daily. 1** |
| **46** | **DOMPERIDONE** | **Relief of nausea and vomiting:**  **12–17 years (body-weight 35 kg and above): 10 mg up to 3 times a day for a usual maximum of 1 week; maximum 30 mg per day.**  **1 month–11 years: 0.25mg/kg 3 times a day, dose can be increased up to 0.4 mg/kg 3times a day for maximum 1 week. 1** |
| **47** | **OMEPRAZOLE** | **ORALLY: Child 1–11 years: 1–2 mg/kg once daily (max. per dose40 mg)**  **Child 12–17 years: 40 mg once daily**    **Neonate: 700 micrograms/kg once daily for 7–14 days, then increased if necessary up to 3mg/kg once daily** |
| **48** | **SIMETHICONE 4%** | **1 month – 6 years : 0.25 – 0.75 ml 2 – 3 times daily**  **In case of investigation (2 ml 3 – 4 times daily for the day before investigation).**  **2** |

***References:***

1. ***BRITISH NATIONAL FORMULARY (BNF CHILDREN 2022)***
2. ***MEDICATION LEAFLET***

**Updated by: Reviewed by: Approved by:**

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