**Divided dosages**

**The Answers**

#### Exercise 1

**1.** Your patient requires Cefuroxime 500mg in two divided dosages daily. How many milligrams of cefuroxime would you administer for each dose?

* 250mg

**2.** You need to administer 800mg C-careldopa in four divided dosages daily. How many milligrams do you need to administer for each dose?

* 200mg

**3.** Your patient requires oxytetracycline 2g in four divided dosages daily. How many milligrams does your patient need each administration?

* 500mg

**4.** You need to administer Co-amoxiclav 750mg on three divided dosages daily. How many milligrams would you administer each dose?

* 250mg

**5.** Your patient requires 1.5g cetazidime in three divided dosages daily. What dosage would you give at each administration time?

* 500mg

#### Exercise 2

**1.** Your patient has been prescribed 100mcg/Kg benzypenicillin in 4 divided doses. You patient weighs 6kg. How many milligrams of benzypenicillin does your patient need each dose.

* 100mcgX6kg = 600mcg. Four divided dosages = 150mg

**2.** You need to administer 1.2g carbemazepine in two divided doses. How many milligrams does your patient need each dose?

* 600mg

**3.** Your patient needs 8mg/Kg oxcabazepine daily in 2 divided dosages. If your patient weighs 15kg how many milligrams do you need to administer for each dose?

* 8mgX15kg = 120mg. Two divided dosages = 60mg

**4.** You need to administer 60mg/kg cefuroxime in 4 divided dosages. Your patient’s weight is 6kg. How many milligrams of cefuroxime do you need to administer for each dose?

* 60mgX6kg = 360mg. Four divided dosages = 90mg

**5.** Your patient has been prescribed 1.2g of a drug in 3 divided dosages. How many milligrams do they need to take of their drug at each administration time? Answers

* 400mg

#### Exercise 3

**1.** You need to administer 400mg pivmecillinam hydrochloride to your patient in 4 divided doses. How many milligrams do you need to administer each dose?

* 100mg

**2.** The prescription for your patient is for 240mg Cefuroxime in four divided dosages. How many milligrams do you need to administer each dose?

* 60mg

**3.** You need to administer 360mg aztreonam IV to your patient in three divided doses. How many milligrams do you need to administer each dose?

* 120mg

**4.** Your patient has been prescribed 150mg diclofenac sodium in three divided dosages. How many milligrams do they require each dose

* 50mg

**5.** You need to administer 12mg diazepam in six divided doses. How many milligrams are required for each dose?

* 2mg

#### Exercise 4

**1.** You need to administer Cimetidine 30mg/Kg daily in 3 divided dosages. Your patient weighs 12kg. How many milligrams of cimetidine does your patient require for each dose?

* 30mgX12kg = 360mg. Three divided dosages = 120mg

**2.** Your patient has been prescribed Uniphyllin Continus 9mg/kg in 12 hour dosages. Your patient weighs 28kg. The maximum dosage for this drug is 800mg daily. Is this prescription dosage within this maximum dosage?

* 9mgX28 = 252mg every 12 hours = 504mg in 24 hours so does not exceed maximum daily dose.

**3.** Your patient has a prescription for Methyphenidate Hydrochloride 1.4mg/Kg daily in two divided dosages. Your patient weighs 20kg. What dosage do they require at each administration?

* 1.4mgX20kg = 28mg. Two divided dosages = 14mg

**4.** A drug has been prescribed as 1.2mg daily in 4 divided dosages. Calculate the number of milligrams required at each administration time.

* 300mg

**5.** Your patient has been prescribed 120mcg/Kg of a drug daily in four divided dosage. Your patient weighs 22kg. How many milligrams do you need to administer for each dose?

* 120mcgX22kg = 2640mcg. Four divided dosages = 660mg