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Mix-up March

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This month's numeracy questions include a range of calculation skills for you to practise!

QUESTION 1

The daily dose for Drug A is 6 mg/kg given in three divided doses.

How much is given at each dose interval for a patient weighing 80 kg?

QUESTION 2

A patient requires a dressing change every three days.

How many dressings are needed for 30 days?

QUESTION 3

A child is prescribed a drug 5 mg/kg, the child weighs 30 kg.

The drug is available in a solution of 100 mg/5 mls, what volume would be needed for each dose?

QUESTION 4

Calculate the total volume of suspension required for a child that weighs 40 kg for a 10-day course. The daily dose in the BNF is 1.5 mg/kg.

The formulation available is an oral suspension containing 120 mg/5 ml.

QUESTION 5

Drug B is prescribed as 225 mg three times a day. The only tablets available contain 37.5 mg.

How many tablets will the patient need to take for each dose?

QUESTION 6

A patient is prescribed Drug C as 20 mg twice daily. The formulation available is 10 mg tablets.

How many tablets will you prescribe for 28 days?

QUESTION 7

Drug D is prescribed at a rate of 4 micrograms/kg/min.

For a 60 kg person, how many milligrams will they receive in an hour?

QUESTION 8

Calculate the dose of Drug E for a baby weighing 7.8 kg.

The dose in the BNF is 100 mcg/kg and the oral suspension contains 10 mg in 5 ml.

QUESTION 9

960 mg of antibiotic F is prescribed every 12 hours.

What is the daily dose in grams?