

Preparing medication

Example one

Your patient is prescribed 7.5 g of Tazocin to be given as intermittent infusion. The vial contains 4.5 g in form of dry powder. How many ml of diluent do you need to add to prepare medication and how many ml of prepared liquid do you need to draw up?

- 2 vials needed; to add 3ml of diluent into each; to draw up 3ml from 1st and 2ml from 2nd vial

OR

- 2 vials needed; to add 2ml of diluent into 1st and 3ml into 2nd vial; to draw up 2ml from 1st and 2ml from 2nd vial

Example two

Your patient is prescribed 1500 mg of Ampicilin to be given as intermittent infusion. The vial contains 1 g in form of dry powder. How many ml of diluent do you need to add to prepare medication and how many ml of prepared liquid do you need to draw up?

- 2 vials needed; to add 4ml of diluent into each; to draw up 4ml from 1st and 2ml from 2nd vial

OR

- 2 vials needed; to add 2ml of diluent into 1st and 4ml into 2nd vial; to draw up 2ml from 1st and 2ml from 2nd vial

Example three

Your patient is prescribed 1000 mg of Unasyn to be given i.v. The vial contains 1.5 g in form of dry powder. How many ml of diluent do you need to add to prepare medication and how many ml of prepared liquid do you need to draw up?

- to add 9 ml of diluent and draw up 6 ml of prepared liquid

OR

- to add 6 ml of diluent and draw up 4 ml of prepared liquid

Example four

Your patient is prescribed 900 mg of Amoksiclave to be given as intermittent infusion. The vial contains 1.2 g in form of dry powder. How many ml of diluent do you need to add to prepare medication and how many ml of prepared liquid do you need to draw up?

- to add 8 ml of diluent and draw up 6ml of prepared liquid

OR

- to add 4 ml of diluent and draw up 3ml of prepared liquid

Example five

Your patient is prescribed 1 g of Zinacef to be given as intermittent infusion. The vial contains 750 mg in form of dry powder. How many ml of diluent do you need to add to prepare medication and how many ml of prepared liquid do you need to draw up?

- . 2 vials needed; to add 3ml of diluent into each; to draw up 3ml from 1st and 1ml from 2nd vial

OR

- 2 vials needed; to add 2ml of diluent into 1st and 3ml into 2nd vial; to draw up 2ml from 1st and 1ml from 2nd vial