

Question#20654

1: RX: Lamisiln 200mg tablets

Take 1/2 tab QD for 42 days How many tablets do you need to fill this prescription?

What is the total mg dose dispensed?

2: Cefazolin is supplied in 1 gram vials of powder which is reconstituted with 2.5 ml of NaCl for injection for a final volume of 3ml. What is the approximate concentration of Cefazolin in each milliliter?

Answer:

1:

For 42 days you need to fill:

$$42 * \frac{1}{2} = 21 \text{ tablets}$$

The total dose is:

$$200 * 21 = 4200 \text{ mg} = 4.2 \text{ g}$$

2:

The final volume 3 ml contain 1 gram of Cefazolin, according this each 1 ml. contain: 1/3 gram of Cefazolin.