

Numbers and Operations: Licensed Practical Nurse

NCS Health Care

Job Description: Provides medical care and assists physicians in administering medication and treatments.

Problem:

A doctor has ordered an injection of Demerol to be given to her patient. She ordered 35 mg be given. How much fluid (ml) would be injected to give the 35 mg ordered? The syringe of Demerol is 50 mg for 2 ml.



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Solution:

$35 \text{ mg required} \div 50 \text{ mg/2ml} = .70$ (70% of syringe containing 2 ml)

$.70 \times 2 \text{ ml} = 1.40 \text{ ml fluid to be injected, leaving } .6 \text{ ml}$