Medication Safety During COVID-19

Calculating Infusion Flow Rate:

Volume:

Total Volume/# of hours for infusion = mL/hr

Example:

1000mL/8 hours = 125 mL/hr

Drops/minute: find number drops/mL on administration set package (drop factor)

$mL/hr \times \text{drop factor of set/60 (min in an hour)} = \text{drops/min}$

Example:

125 mL X 10/60 = 21 drops/min (20.83 drops rounded off)

Resources

ISMP website: [www.ismp.org/covid-19-resources](http://www.ismp.org/covid-19-resources)


Canadian Vascular Access Association (CVAA): [www.cvaa.info](http://www.cvaa.info)

Nursing Center (Lippincott): [Nursing Centre Med Errors](http://www.cvaa.info)

References:

2. Degnan et al. (2020). Risk of patient harm related to unnecessary dilution of ready-to-administer prefilled syringes: A literature review. J Infusion nursing. 43(3); 146-154

[https://hlln.info.yorku.ca/](https://hlln.info.yorku.ca/)

Thank you to all that participated in this webinar and added commentary and insight!

We welcome you to continue to share resources with each other, and we can tweet them out and list them on our facebook page

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https://hln.info.yorku.ca/