

## Medication Safety: Epinephrine/Adrenaline Problems, Corrections, and Applications



By

Karolina Cieslak and Varanya Chaiyaperm  
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**ABSTRACT** Medication errors associated with the use of epinephrine products and medical devices are a significant healthcare problem. Epinephrine is a high-alert medication; erroneous use of epinephrine bears a high risk of causing significant patient harm. Medication safety problems associated with the design and use of epinephrine products are described. Problems addressed include drug content ratio-strength expressions such as 1:1,000 and 1:10,000; leading and trailing zeros when writing decimal dosage expressions; look-alike and sound-alike (LASA) drug errors with ephedrine;...

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