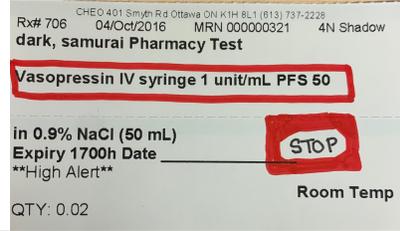


Supplemental Digital Content B: Evolution Vasopressin Alert Signs and Product Labeling

Intervention		Initial	Final Version
Matching colors between syringe and pump for each concentrations/doses and pre-printed orders			Unchanged
Simulation	Participant Quote		
1	"Noticed the red after. DI or Shock does not help because haven't used it [vasopressin] enough"		
2,3,6,7	Did not see sign		
4,5,8	Saw red, but didn't read past it		
Intervention		Initial	Final Version
Alert signs on infusion pumps for high-alert medications		 <p>Indication: DIABETES INSIPIDUS (DI) Dosage range: 0.0005 – 0.01 units/kg/HOUR</p>	 <p>VASOPRESSIN: check the PUMPS</p> <p><small>DIABETES INSIPIDUS (DI): Dosage range: 0.0005 – 0.01 units/kg/HOUR SHOCK: Dosage range: 0.0005 – 0.002 units/kg/MINUTE</small></p>
Simulation	Participant Quote		
1	<p>"No. I looked at that (signage) and... I don't know. I just didn't connect the two. But I think those signs are great. I think when we are doing vasopressin, that would be a really good thing to have in there"</p> <p>"If sign said: per hour NOT per minute"</p>		
2	<p>"The idea of the sign is great. But we didn't look at that."</p> <p>"Vasopressin - check your rate" is what needs to be highlighted to get attention"</p>		
3	<p>"I didn't see that [signs] at all."</p> <p>"...for me, it's when I make the sign that I recognize it."</p>		
4	<p>"I use it [vasopressin] so rarely that I didn't even know that one was per hour and one was per minute" Change the color to identify high alert med</p> <p>"Would put it on colored paper, not white. Color draws the eye."</p> <p>RN and MD reflected that they did not know difference between shock and DI were the units.</p>		
5	<p>"I saw it [sign], but in the moment, the HR or MIN were just words. They weren't triggering me, the words Shock and DI in bold was not enough"</p> <p>Preferred other version (the one on white paper)- but on colored paper</p>		
6	<p>"I was so focused on the patient in front of me that I didn't look on the environment. I was so focused on him. I totally missed those signs."</p>		
8	<p>"It [sign] was very helpful and obvious. 1st I read it and thought it was the right dose, then I was like, wait a minute."</p>		