

Unit \_\_\_\_\_ Shift \_\_\_\_\_ Medication \_\_\_\_\_

# pumps \_\_\_\_\_ # bags \_\_\_\_\_ begin time = 0, end time = \_\_\_\_\_' \_\_\_\_\_”

\* (Loc'n abbreviations key: **h** = hallway, **m** = medication room, **p** = patient room, **o** = other (ex: supply room))

	<i><b>Pump use</b></i>	<i>* Loc'n</i>	<i><b>Interruptions (who/why)</b></i>	<i><b>Automation surprises</b></i>	<i><b>Tech dysfunc/delay</b></i>	<i><b>Patient statements</b></i>	<i><b>Staff statements</b></i>
	_obtain bag						
	_√ bag vs MAR or Accuscan						
	_scan self (Accuscan only)						
	_select tubing						
	_select pump						
	_scan IV bag (visual or Accuscan)						
	_enter pt rm						
_____ (time)	_hang IV						
	_prime tubing						
	_scan/√ pt ID band						
	_connect IV to pt.						
_____ (time)	_turn on pump						
	_program pump option->dose->wgt->drug amt->volume						
_____ (time)	_dbl √ by 2 <sup>nd</sup> RN <i>independent vs joint</i>						
_____ (time)	_push start						

<b>Lighting</b>	<i>full</i>	<i>dimmed</i>	<i>none</i>
<i>Patient room</i>			
<i>Medication room</i>			
<b>Noise level</b>	<i>quiet</i>		<i>loud</i>
<i>Patient room</i>			
<i>Medication room</i>			
<b>Physical environment</b>	<i>neat organized uncrowded</i>		<i>messy disorganized crowded</i>
<i>Patient room</i>			
<i>Medication room</i>			
<b>Is tubing already present?</b>		<u>Yes</u>	<u>No</u>
<b>Did error alarm sound?</b>			
<b>Did provider wash hands?</b>			

# keystrokes for pump programming:

Did nurse use dose rate calculator on pump? Y N

Comments:

If no: manual vs calculator

When utilizing this document please cite:

1. Carayon, P., Wetterneck, T.B., Hundt, A. S., Ozkaynak, M., Ram, P., & DeSilvey, J. (2004). Assessing nurse interaction with medication administration technologies: The development of observation methodologies. *In Khalid & Yeo (eds.) Working With Computing Systems: 319-324.*