**Powerchart Enhancement: Medication Clinical Decision Support**

As part of an initiative to improve medication clinical decision support and eliminate nuisance alerting, a few changes are being implemented within Powerchart. These changes will positively impact any user entering medication orders into Powerchart/Firstnet/Surginet.

|  |  |  |
| --- | --- | --- |
| **Change** | **Rationale** | **Potential Impact** |
| You will no longer receive duplicate therapy alerts for narcotic analgesics ordered IV and oral or for different prn reasons. | CCHS policy allows active orders for both IV and oral therapy for each pain scale. This change will reduce nuisance alerts. | **~28% reduction in duplicate alerts** |
| You will no longer receive duplicate therapy alerts for laxatives, unless there are >4 laxatives in the stimulant hyperosmotic category or general laxative category ordered for a patient. | Low harm to patients ordered multiple laxatives, especially when most are ordered on a prn basis. |
| You will no longer receive a drug-drug interaction for IV potassium chloride and medications with anticholinergic properties | This drug-drug interaction is only specific to oral potassium chloride products. | **~17% reduction in major contraindicated drug-drug interaction alerts.** |
| You will no longer receive a drug-drug interaction when ordering ceftriaxone or IV calcium when there is an active order for ceftriaxone or IV calcium in patients >1 year of age | The drug-drug interaction does not apply in patients >1 year of age. |

This is an ongoing project, with additional improvements to be implemented within the next few months.

Please direct any concerns/questions to [Erin Dzuriak](mailto:edzuriak@christianacare.org), PharmD. For urgent issues, contact the Power-up team at x1777.