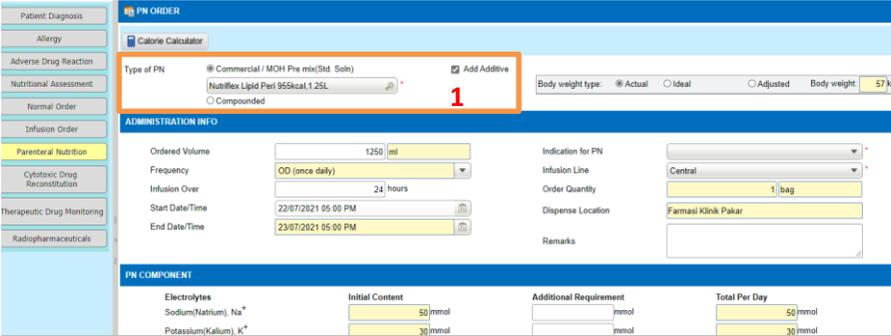
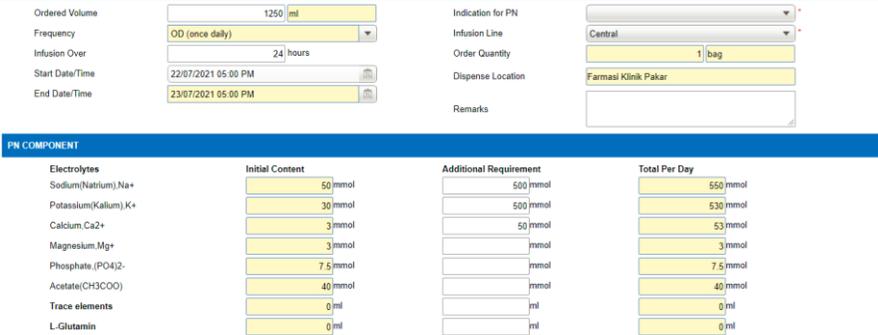
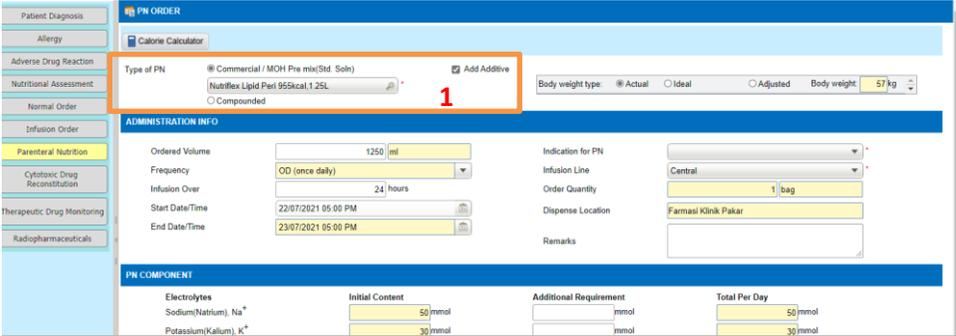
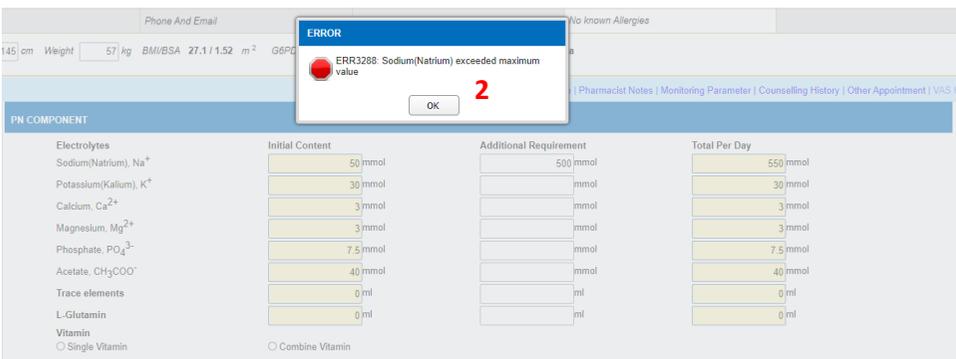
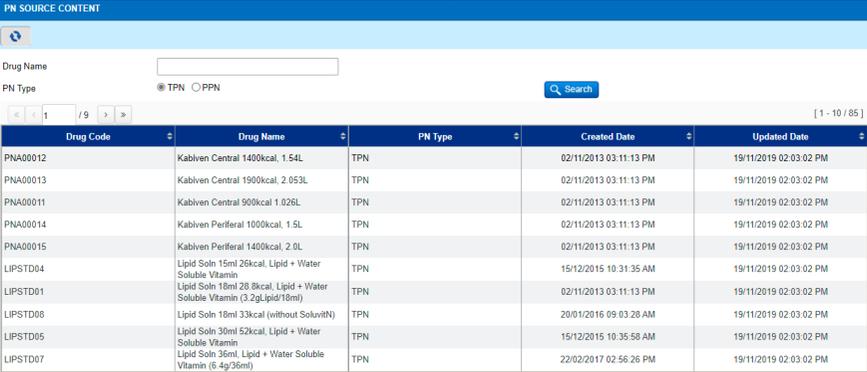
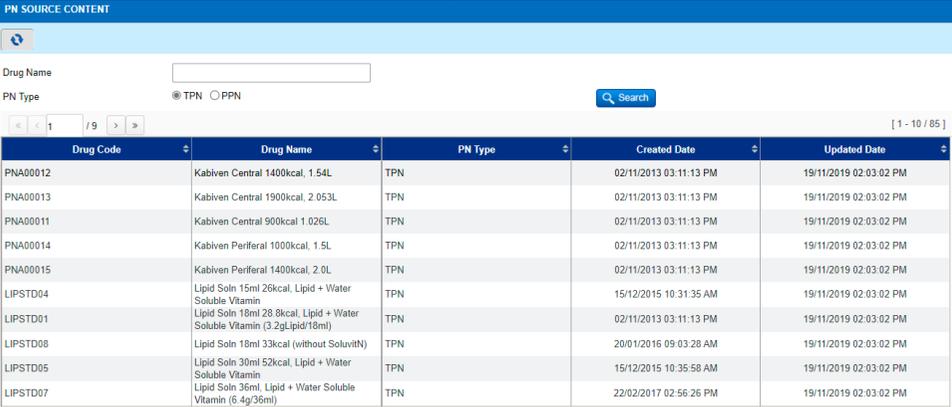


1. Summary of Ticket Number and Requests on PN Order

No.	Ticket #	Description	Requests	Solution
1.	C2-INT040131421R	<p><u>Manf PN - Alert pop up if exceed limit</u></p> <p>User request to provide alert for any exceeding limit since each component of each bag has limit. For example, smofkabiven 1.5L central got limit 225mmol per bag for sodium and potassium.</p> <p>To add guidelines value in PN Source Content, add new column to store the maximum value for each component. Use for commercial additive only. Refer document from module owner.</p>	To provide alert if exceeds limit for each component bag.	<ol style="list-style-type: none"> To provide alert for any exceeding limit since each component of each bag has limit. For example, <i>smofkabiven</i> 1.5L central got limit 225mmol per bag for sodium and potassium. If user add value sodium/potassium more than 225mmol, there will be an alert appear. To add guidelines value in PN Source Content, add new column to store the maximum value for each component.

Function Flow	Current Version 2.4	New Version 2.5																																
<p>1. PN Order exceed limit</p>	<p>1. Create PN order with additive (1).</p>  <p>2. Add in Additional Requirement for each item. Example below is user add Additional Requirement for Sodium(Natrium), Na+ = 500.</p> <table border="1"> <thead> <tr> <th>Electrolytes</th> <th>Initial Content</th> <th>Additional Requirement</th> <th>Total Per Day</th> </tr> </thead> <tbody> <tr> <td>Sodium(Natrium),Na+</td> <td>50 mmol</td> <td>500 mmol</td> <td>50 mmol</td> </tr> <tr> <td>Potassium(Kalium),K+</td> <td>30 mmol</td> <td>mmol</td> <td>30 mmol</td> </tr> <tr> <td>Calcium,Ca2+</td> <td>3 mmol</td> <td>mmol</td> <td>3 mmol</td> </tr> </tbody> </table>  <p>3. No message appear if the Total Per Day amount is more than maximum value since there are no setting on the maximum value for each.</p>	Electrolytes	Initial Content	Additional Requirement	Total Per Day	Sodium(Natrium),Na+	50 mmol	500 mmol	50 mmol	Potassium(Kalium),K+	30 mmol	mmol	30 mmol	Calcium,Ca2+	3 mmol	mmol	3 mmol	<p>1. Create PN order with additive (1).</p>  <p>2. Add in Additional Requirement for each item. Example below is user add Additional Requirement for Sodium(Natrium), Na+ = 500.</p> <table border="1"> <thead> <tr> <th>Electrolytes</th> <th>Initial Content</th> <th>Additional Requirement</th> <th>Total Per Day</th> </tr> </thead> <tbody> <tr> <td>Sodium(Natrium),Na+</td> <td>50 mmol</td> <td>500 mmol</td> <td>50 mmol</td> </tr> <tr> <td>Potassium(Kalium),K+</td> <td>30 mmol</td> <td>mmol</td> <td>30 mmol</td> </tr> <tr> <td>Calcium,Ca2+</td> <td>3 mmol</td> <td>mmol</td> <td>3 mmol</td> </tr> </tbody> </table>  <p>3. A message alert(2) will appear if the amount for Total Per Day exceed maximum limit set in TPN Content table. This alert message will popup when user click on Enter or tab on the keyboard.</p>	Electrolytes	Initial Content	Additional Requirement	Total Per Day	Sodium(Natrium),Na+	50 mmol	500 mmol	50 mmol	Potassium(Kalium),K+	30 mmol	mmol	30 mmol	Calcium,Ca2+	3 mmol	mmol	3 mmol
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Function Flow	Current Version 2.4	New Version 2.5
		<div> </div> <p>Notes: This alert message shall appear for every element that has reached maximum value set in PN Content table.</p> <p>Calculation on maximum value will be Total Per Day. Example below:</p> <ul style="list-style-type: none"> <li>i. User add this drug with value exceed limit, for example, Sodium(Natrium), Na⁺ = 235 mmol and Calcium, Ca²⁺ = 10 mmol. From chart, Sodium/Natrium (mmol) max value is 225 mmol and Calcium (mmol) max value is 7.5 mmol. <ul style="list-style-type: none"> <li>o Example: <ul style="list-style-type: none"> <li>▪ Initial Content=36, Additional Requirement = 235 mmol <li>▪ Max value for the above sample data = 225-36 = 189 mmol <li>▪ To count on max value for Sodium,Na= Additional Requirement – Initial Content = 235 -36=199 mmol. This value has exceed max value calculated above (189). <li>o This changes will impact to: <ul style="list-style-type: none"> <li>▪ Record Prescription PN Order <li>▪ Medication PN Order <li>▪ Intervention screen if user modify on PN Order <li>▪ Manage Prescription (Full Based only) where user able to modify the PN Order

Function Flow	Current Version 2.4	New Version 2.5
<p>2. IWP setting for maximum value</p>	<p>1. Go to IWP-Maintenance-Pharmacy-TPN Content.</p>  <p>2. Open the screen and there are no field to enter the maximum(1) value here.</p>	<p>1. Go to IWP-Maintenance-Pharmacy-TPN Content.</p>  <p>2. Search drug that we want to update the maximum content and user will be able to insert the maximum value(1) accordingly.</p>

Function Flow	Current Version 2.4	New Version 2.5																																																																																																																			
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